A0400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — NOVEMBER 1989

SHIPMENTS OF MILL PRODUCTS INCREASE

Net shipments of aluminum mill products for nine months of 1989, reported at 10,058 million pounds, increased 0.1 percent from the nine month 1988 total of 10,052 million pounds.

Total industry net shipments for nine months of 1989, reported at 12,352 million pounds, were down 0.2 percent from the nine month 1988 total of 12,383 million pounds.

Exports of ingot and mill products of 1,685 million pounds are up 35.4 percent from nine months of 1988. Imports decreased 5.8 percent for the same period.

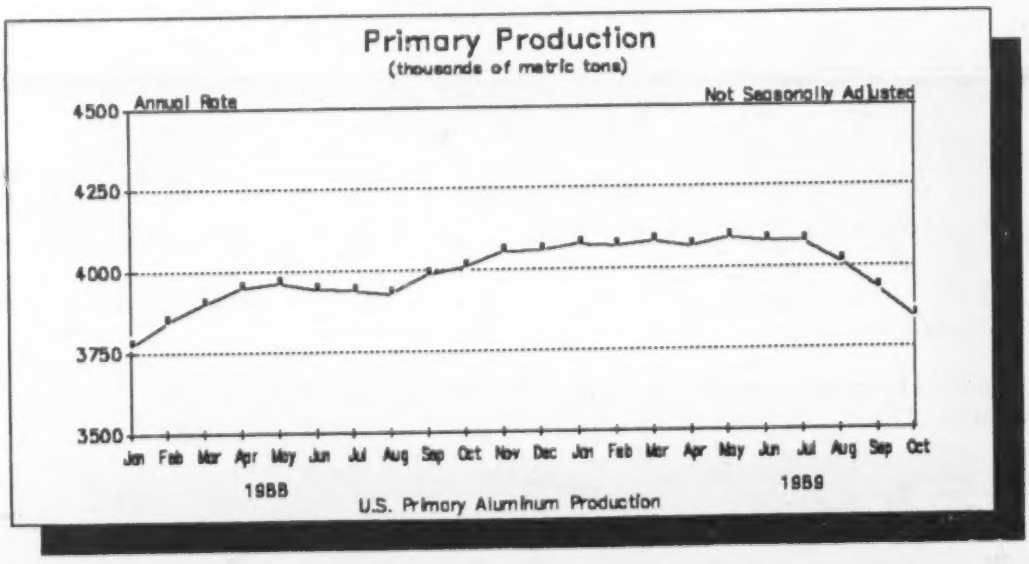
THRU SEPTEMBER 1989

	1989 9 Mos.	1988 9 Mos.	% Change
Mill Products	10,058	10,051	0.1
Ingot	2,294	2,331	-1.6
Total	12,352	12,383	-0.2
Less Exports	1,685	1,245	35.4
Domestic Total	10,667	11,138	-4.2

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 10,529 METRIC TONS

Estimated U.S. primary aluminum production averaged 10,529 metric tons daily during October 1989. This compares with an average of 10,949 metric tons a day in October 1988 and 10,771 metric tons a day in September 1989. The annual rate of production in October 1989 was 3,843,167 metric tons compared with 3,983,751 metric tons in October 1988 and 3,931,342 metric tons in September 1989. Estimated production in October 1989 was 323,124 metric tons.

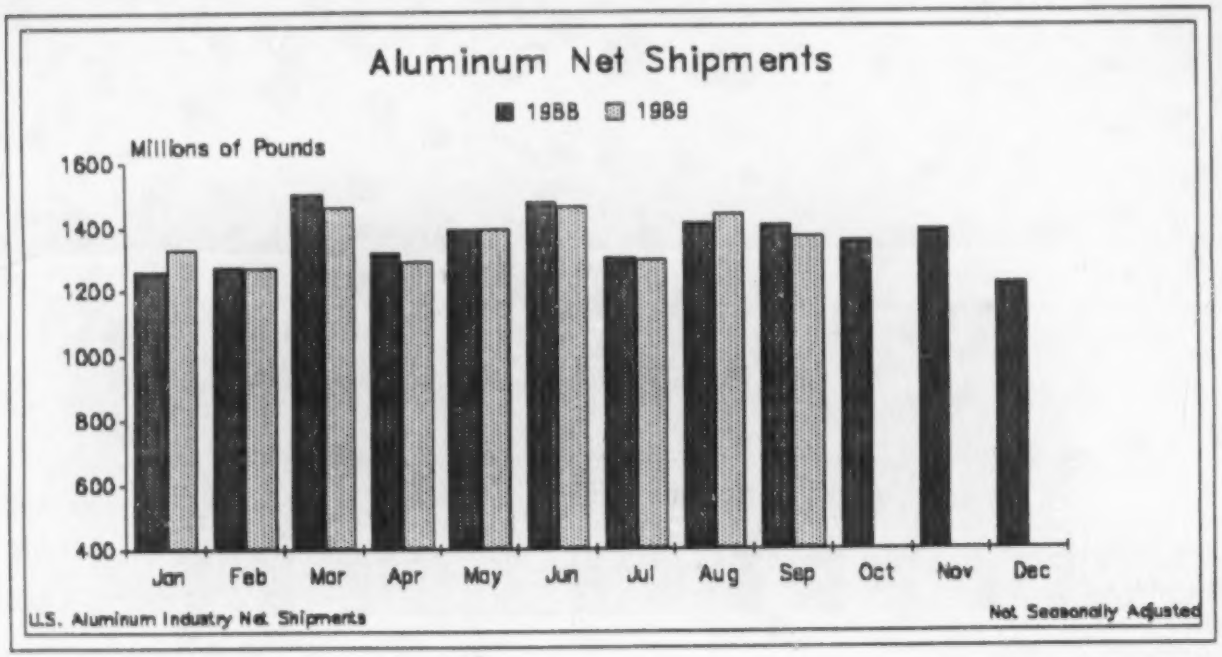


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Association
900 19th Street, N.W., Washington, D.C. 20006
Phone (202) 862-5100

INDUSTRY NET SHIPMENTS DECLINE 0.2 PERCENT

Total industry net shipments for nine months of 1989, reported at 12,353 million pounds, were down 0.2 percent from the nine month 1988 total of 12,383 million pounds. Domestic shipments of 10,667 million pounds decreased 4.2 percent from the nine month 1988 total of 11,138 million pounds.

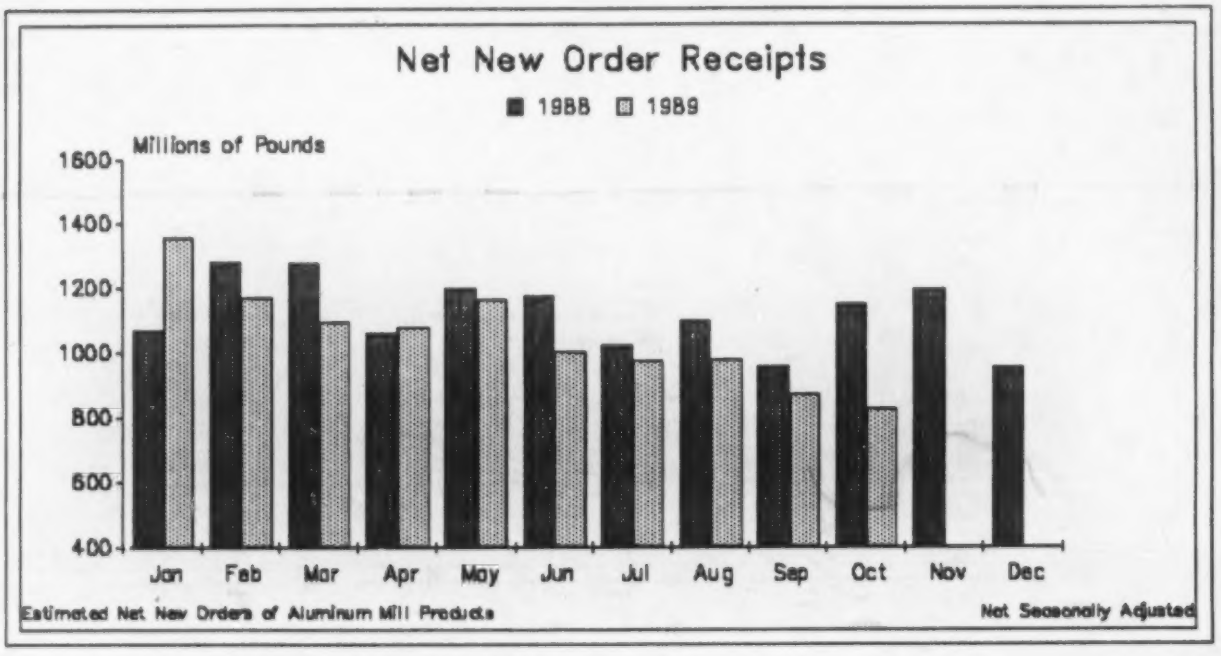


NET SHIPMENTS (Millions of Pounds)	1989 Sept.	1988 Sept.	1989 9 Mos.	1988 9 Mos.	% Change 1989 vs 1988
Sheet	602.3	611.1	5,689.4	5,409.0	5.2
Plate	25.9	24.9	240.9	227.4	5.9
Foil	70.4	76.4	670.3	723.7	-7.4
Rod, Bar & Wire	14.2	28.6	190.0	225.7	-15.8
Elec. Conductor	58.1	53.0	536.3	492.1	9.0
Extruded Shapes, Tube	225.1	245.7	2,059.1	2,081.8	-1.1
Powder & Paste	8.7	8.2	71.9	66.2	8.6
Forgings & Impacts	13.0	13.3	120.1	127.2	-5.6
Net Imports of Mill Products (Total) (a)	44.4	75.2	480.1	698.2	-31.2
Total Mill Products	1,061.9	1,136.5	10,058.2	10,051.5	0.1
Ingot	312.2	273.2	2,293.7	2,331.1	-1.6
TOTAL INDUSTRY SHIPMENTS	1,374.2	1,409.7	12,351.9	12,382.5	-0.2
Exports	187.7	165.5	1,685.1	1,244.7	35.4
TOTAL DOMESTIC SHIPMENTS	1,186.4	1,244.2	10,666.8	11,137.9	-4.2

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NET NEW ORDER RECEIPTS DOWN 6.8 PERCENT

Estimated net new order receipts of aluminum mill products for ten months of 1989, totaling 10,533 million pounds, declined 6.8 percent from a ten month 1988 total of 11,303 million pounds. October order receipts of 828 million pounds decreased 5.2 percent from a September 1989 figure of 873 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1989 October	1988 October	1989 10 Mos.	1988 10 Mos.	% Change 1989 vs 1988
Sheet & Plate, Other	236.4	346.1	3,432.5	3,737.1	-8.2
Can Stock (a)	181.3	362.3	3,077.8	3,305.7	-6.9
Foil	86.7	108.3	843.5	910.9	-7.4
Bar, Rod & Wire	39.3	24.7	351.9	383.0	-8.1
Electrical Conductor	55.0	82.1	559.0	666.3	-16.1
Extruded Shapes & Tube	203.7	202.8	2,043.2	2,069.5	-1.3
Powder & Paste	8.1	10.7	94.2	101.6	-7.3
Forgings & Impacts	17.1	13.6	130.7	129.1	1.2
Total Mill Products	827.6	1,150.6	10,532.8	11,303.2	-6.8

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 143 MILLION POUNDS

Producer inventories decreased in September 1989 to a reported total of 4,182 million pounds. This represents a 143 million pound decline from the August 1989 level of 4,325 million pounds.

Month-End Aluminum Producer Inventories - By Type of Producer
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
July	4,474	1,660	642	2,172
August	4,325r	1,535r	637r	2,152r
September	4,182	1,486	653	2,043

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 33.8 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of September 30, 1989 was 33.8, up 0.6 percent from inventories reported at the end of August 1989.

Month-End Aluminum Customer Inventories
(Average Number of Days)

July	33.3
August	33.6
September	33.8

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1989* September	1988 September	1989* 9 Mos.	1988 9 Mos.	% Change 1989 vs 1988
Imports	Mill Products	67.1	76.5	731.6	755.2	-3.1
	Ingot	184.4	203.2	1,658.7	1,783.4	-7.0
	Total	251.5	279.7	2,390.3	2,538.6	-5.8
	Scrap (+ dross)	39.8	41.7	364.3	343.5	6.0
	Grand Total	291.4	321.4	2,754.6	2,882.1	-4.4
Exports	Mill Products	85.8	79.6	863.7	637.3	35.5
	Ingot	102.0	85.9	821.4	607.4	35.2
	Total	187.7	165.5	1,685.1	1,244.7	35.4
	Scrap	117.3	93.0	964.6	764.8	26.1
	Grand Total	305.1	258.4	2,649.7	2,009.5	31.9
Net Imports		-13.7	62.9	104.8	872.7	-88.0

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1

The Aluminum Situation

Seasons Greetings

ECONOMICS AND STATISTICS **DECEMBER 1989**

ALUMINUM SHIPMENTS DECLINE 0.5 PERCENT

Total industry net shipments for ten months of 1989, reported at 13,680 million pounds, were down 0.5 percent from the ten month 1988 total of 13,744 million pounds.

Domestic shipments of aluminum ingot and milll products were reported at 11,764 million pounds, a decline of 4.9 percent from the 1988 total of 12,367 million pounds.

Exports of ingot and mill products continue strong in 1989 at 1,916 million pounds, an increase of 39.2 percent from ten months of 1988. Imports decreased 6.6 percent for the same period.

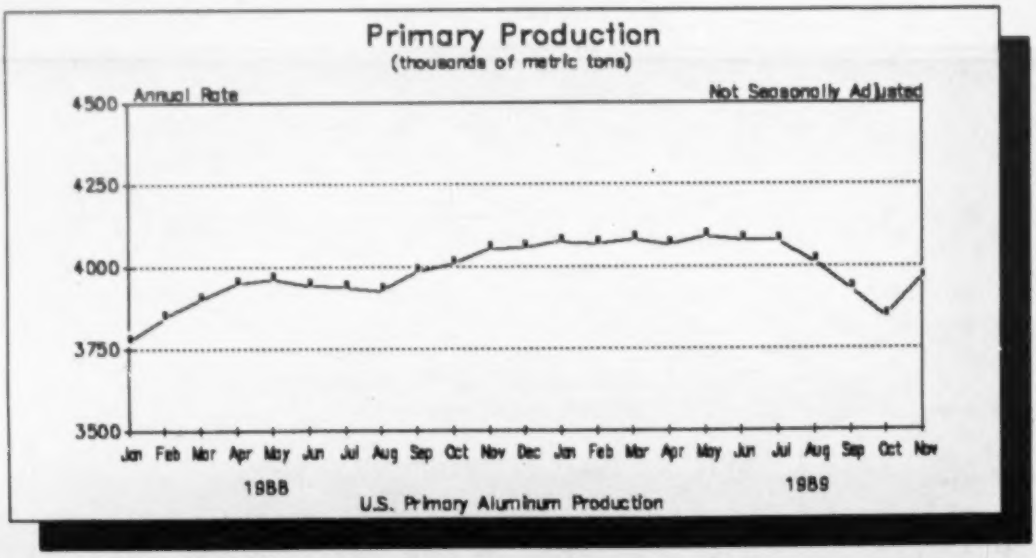
THRU OCTOBER 1989

	1989 10 Mos.	1988 10 Mos.	% Change
Mill Products	11,134	11,149	-0.1
Ingot	2,546	2,595	-1.9
Total	13,680	13,744	-0.5
Less Exports	1,916	1,377	39.2
Domestic Total	11,764	12,367	-4.9

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 10,856 METRIC TONS

U.S. primary aluminum production averaged an estimated 10,856 metric tons daily during November 1989. This compares with an average of 11,075 metric tons a day in November 1988 and 10,529 metric tons a day in October 1989. The annual rate of production in November 1989 was 3,962,489 metric tons compared with 4,053,511 metric tons in November 1988 and 3,843,167 metric tons in October 1989. Estimated production in November 1989 was 325,684 metric tons.

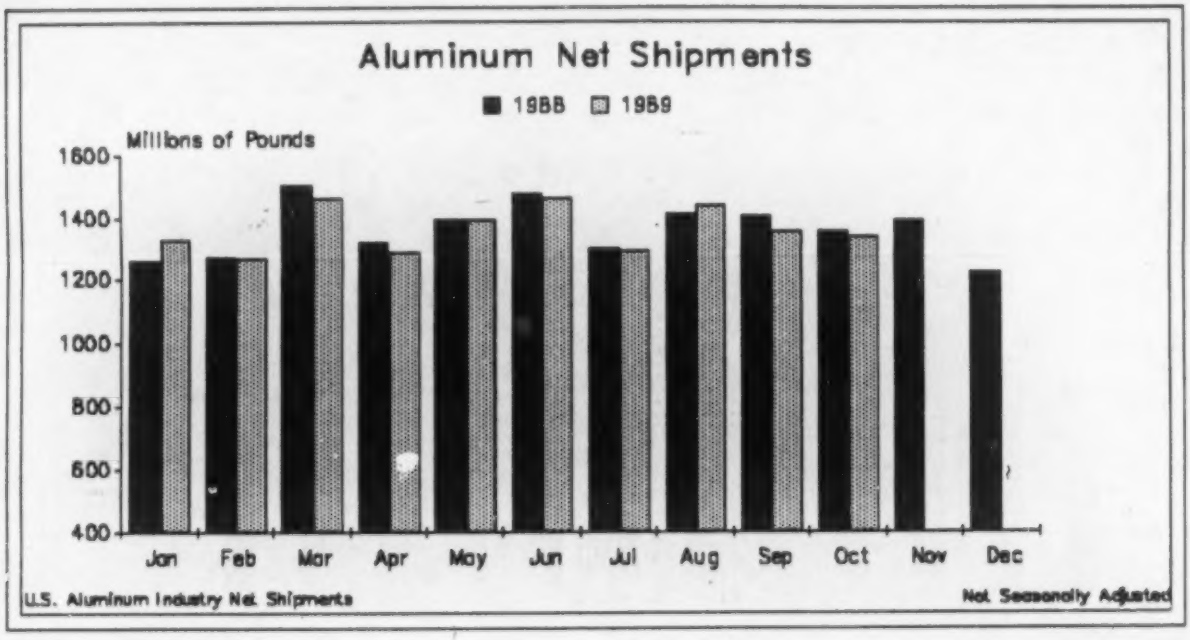


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Association
900 19th Street, N.W., Washington, D.C. 20006
Phone (202) 862-5100

INDUSTRY NET SHIPMENTS DECLINE 0.5 PERCENT

Total industry net shipments for ten months of 1989, reported at 13,680 million pounds, were down 0.5 percent from the ten month 1988 total of 13,744 million pounds. Domestic shipments of 11,764 million pounds decreased 4.9 percent from the ten month 1988 total of 12,367 million pounds.

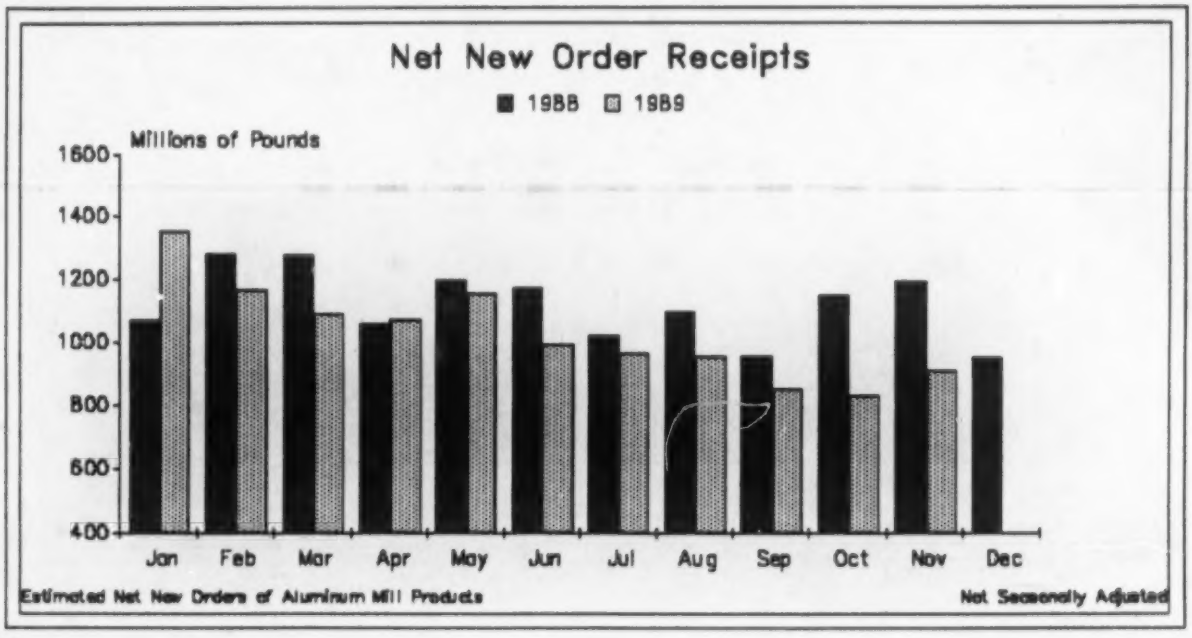


NET SHIPMENTS (Millions of Pounds)	1989 October	1988 October	1989 10 Mos.	1988 10 Mos.	% Change 1989 vs 1988
Sheet	590.7	579.2	6,278.3	5,988.3	4.8
Plate	24.4	24.9	266.6	252.3	5.7
Foil	78.8	78.6	753.9	802.3	-6.0
Rod,Bar & Wire	19.4	23.6	207.5	249.2	-16.7
Elec. Conductor	56.6	60.2	590.5	552.4	6.9
Extruded Shapes,Tube	230.9	241.7	2,287.8	2,323.5	-1.5
Powder & Paste	7.6	7.0	79.1	73.2	8.0
Forgings & Impacts	14.3	14.2	133.9	141.4	-5.3
Net Imports of Mill Products (Total) (a)	56.4	68.7	536.5	766.9	-30.0
Total Mill Products	1,079.1	1,098.0	11,134.0	11,149.4	-0.1
Ingot	264.4	263.5	2,545.7	2,594.6	-1.9
TOTAL INDUSTRY SHIPMENTS	1,343.5	1,361.5	13,679.7	13,744.0	-0.5
Exports	230.8	132.1	1,915.9	1,376.8	39.2
TOTAL DOMESTIC SHIPMENTS	1,112.7	1,229.4	11,763.8	12,367.3	-4.9

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NET NEW ORDER RECEIPTS DOWN 8.2 PERCENT

Estimated net new order receipts of aluminum mill products for eleven months of 1989, totaling 11,382 million pounds, declined 8.2 percent from a eleven month 1988 total of 12,398 million pounds. November order receipts of 914 million pounds increased 9.6 percent from a October 1989 figure of 834 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1989 November	1988 November	1989 11 Mos.	1988 11 Mos.	% Change 1989 vs 1988
Sheet & Plate, Other	286.9	366.3	3,712.0	4,103.4	-9.5
Can Stock (a)	256.6	267.2	3,312.7	3,572.9	-7.3
Foil	94.7	113.4	937.9	1,024.3	-8.4
Bar, Rod & Wire	28.9	37.1	375.2	420.1	-10.7
Electrical Conductor	41.9	54.2	598.5	720.5	-16.9
Extruded Shapes & Tube	188.4	229.2	2,204.3	2,298.7	-4.1
Powder & Paste	7.1	15.6	101.3	117.2	-13.6
Forgings & Impacts	9.3	12.1	140.0	141.2	-0.8
Total Mill Products	913.8	1,095.1	11,381.9	12,398.3	-8.2

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 56 MILLION POUNDS

Producer inventories decreased in October 1989 to a reported total of 4,158 million pounds. This represents a 56 million pound decline from the September 1989 level of 4,214 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
August	4,325	1,535	637	2,152
September	4,214r	1,499r	649r	2,066r
October	4,158	1,458	669	2,031

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 34.3 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of October 30, 1989 was 34.3, up 1.5 percent from inventories reported at the end of September 1989.

Month-End Aluminum Customer Inventories
(Average Number of Days)

August	33.6
September	33.8
October	34.3

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1989* October	1988 October	1989* 10 Mos.	1988 10 Mos.	% Change 1989 vs 1988
Imports	Mill Products	74.8	73.3	806.4	828.5	-2.7
	Ingot	143.8	180.4	1,802.4	1,963.8	-8.2
	Total	218.6	253.8	2,608.8	2,792.4	-6.6
	Scrap (+ dross)	52.5	46.9	416.8	390.5	6.7
	Grand Total	271.0	300.7	3,025.6	3,182.8	-4.9
Exports	Mill Products	79.2	75.5	942.8	712.8	32.3
	Ingot	151.6	56.6	973.1	664.0	46.6
	Total	230.8	132.1	1,915.9	1,376.8	39.2
	Scrap	101.6	90.4	1,066.3	855.2	24.7
	Grand Total	332.5	222.5	2,982.2	2,231.9	33.6
Net Imports		-61.4	78.2	43.4	950.9	-95.4

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — JANUARY 1990

ALUMINUM SHIPMENTS DECLINE 1.3 PERCENT

Total industry net shipments for eleven months of 1989, reported at 14,945 million pounds, were down 1.3 percent from the eleven month 1988 total of 15,137 million pounds.

Domestic shipments of aluminum ingot and milll products were reported at 12,787 million pounds, a decline of 5.9 percent from the 1988 total of 13,596 million pounds.

Exports of ingot and mill products continue strong in 1989 at 2,158 million pounds, an increase of 40.0 percent from eleven months of 1988. Imports decreased 8.1 percent for the same period.

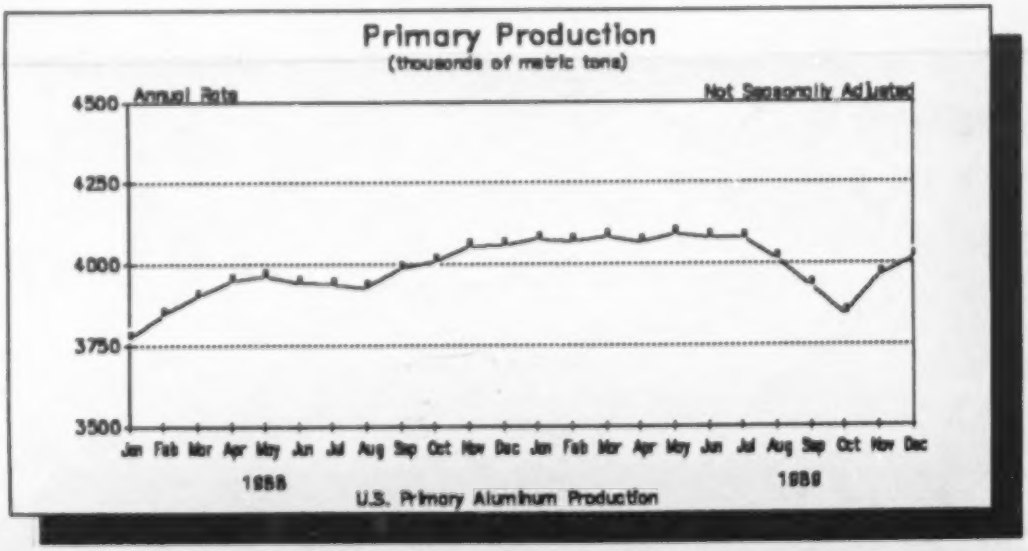
THRU NOVEMBER 1989

	1989 11 Mos.	1988 11 Mos.	% Change
Mill Products	12,100	12,200	-0.8
Ingot	2,845	2,937	-3.1
Total	14,945	15,137	-1.3
Less Exports	2,158	1,541	40.0
Domestic Total	12,787	13,596	-5.9

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

1989 U.S. PRIMARY PRODUCTION ESTIMATED AT 4,024,753 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,008 metric tons daily during December 1989. This compares with an average of 11,081 metric tons a day in December 1988 and 10,856 metric tons a day in November 1989. The annual rate of production in December 1989 was 4,017,779 metric tons compared with 4,055,634 metric tons in December 1988 and 3,962,489 metric tons in November 1989. Estimated production in December 1989 was 341,236 metric tons. Total 1989 production has been estimated at 4,024,753 metric tons, up 2.0 percent from the previous year.

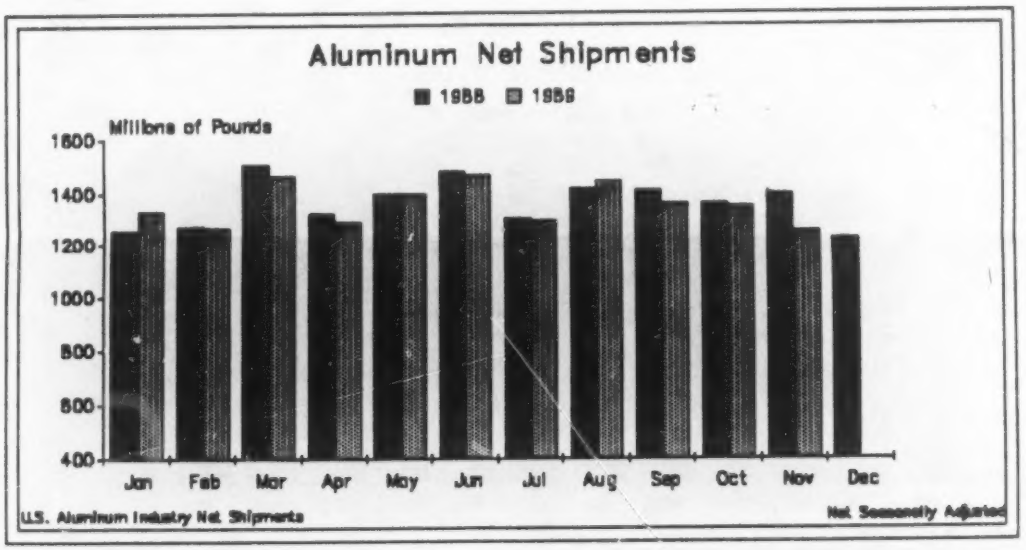


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Association
900 19th Street, N.W. Washington, D.C. 20006
Phone (202) 862-5100

INDUSTRY NET SHIPMENTS DECLINE 1.3 PERCENT

Total industry net shipments for eleven months of 1989, reported at 14,945 million pounds, were down 1.3 percent from the eleven month 1988 total of 15,137 million pounds. Domestic shipments of 12,787 million pounds decreased 5.9 percent from the eleven month 1988 total of 13,596 million pounds.

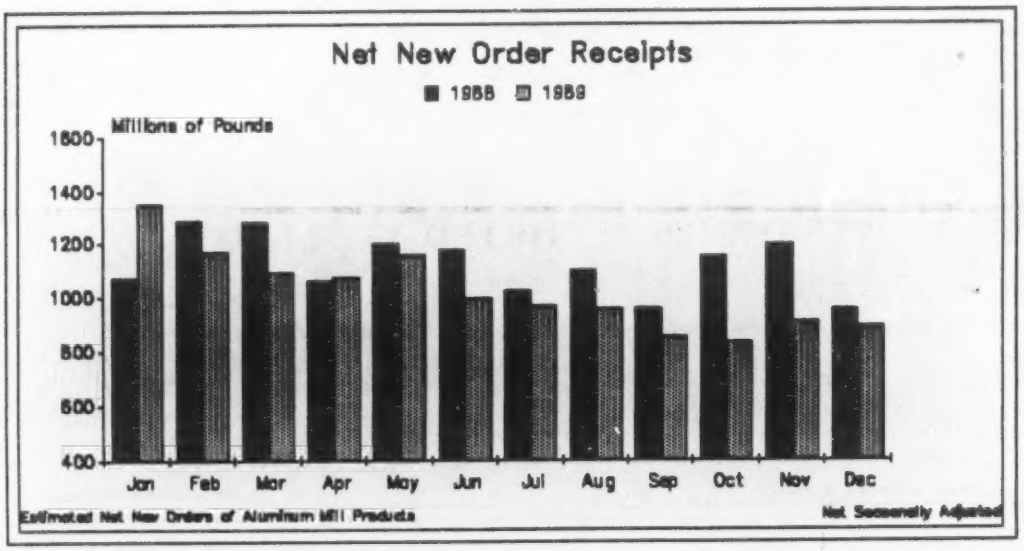


NET SHIPMENTS (Millions of Pounds)	1989 November	1988 November	1989 11 Mos.	1988 11 Mos.	% Change 1989 vs 1988
Sheet	515.2	553.2	6,791.6	6,541.5	3.8
Plate	23.7	23.8	290.3	276.1	5.1
Foil	72.9	74.7	826.8	877.0	-5.7
Rod,Bar & Wire	18.7	33.4	226.8	282.6	-19.8
Elec. Conductor	50.4	56.7	641.6	609.1	5.3
Extruded Shapes,Tube	216.8	216.2	2,504.3	2,539.7	-1.4
Powder & Paste	7.3	8.6	86.3	81.7	5.6
Forgings & Impacts	12.4	12.2	146.3	153.6	-4.7
Net Imports of Mill Products (Total) (a)	49.4	71.3	585.9	838.6	-30.1
Total Mill Products	966.9	1,050.1	12,100.0	12,199.9	-0.8
Ingot	290.7	342.7	2,844.9	2,937.3	-3.1
TOTAL INDUSTRY SHIPMENTS	1,257.6	1,392.8	14,944.9	15,137.2	-1.3
Exports	241.7	165.7	2,157.6	1,541.4	40.0
TOTAL DOMESTIC SHIPMENTS	1,015.9	1,227.1	12,787.3	13,595.8	-5.9

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NET NEW ORDER RECEIPTS DOWN 8.1 PERCENT

Estimated net new order receipts of aluminum mill products for eleven months of 1989, totaling 12,270 million pounds, declined 8.1 percent from a eleven month 1988 total of 13,353 million pounds. December order receipts of 892 million pounds decreased 1.9 percent from a November 1989 figure of 910 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1989 December	1988 December	1989 12 Mos.	1988 12 Mos.	% Change 1989 vs 1988
Sheet & Plate, Other	282.4	329.3	3,994.7	4,432.7	-9.9
Can Stock (a)	258.4	257.1	3,566.6	3,830.0	-6.9
Foil	79.8	76.7	1,018.0	1,101.0	-7.5
Bar, Rod & Wire	30.4	35.2	405.6	455.3	-10.9
Electrical Conductor	53.9	55.5	652.4	776.0	-15.9
Extruded Shapes & Tube	171.2	182.4	2,375.5	2,481.1	-4.3
Powder & Paste	6.5	8.5	107.8	125.7	-14.2
Forgings & Impacts	9.6	10.4	149.6	151.6	-1.3
Total Mill Products	892.2	955.1	12,270.2	13,353.4	-8.1

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 182 MILLION POUNDS

Producer inventories decreased in November 1989 to a reported total of 3,976 million pounds. This represents a 182 million pound decline from the October 1989 level of 4,158 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
September	4,214	1,499	649	2,066
October	4,158	1,458	669	2,031
November	3,976	1,411	644	1,921

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 32.1 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of November 30, 1989 was 32.1, down 6.4 percent from inventories reported at the end of October 1989.

Month-End Aluminum Customer Inventories
(Average Number of Days)

September	33.8
October	34.3
November	32.1

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1989* November	1988 November	1989* 11 Mos.	1988 11 Mos.	% Change 1989 vs 1988
Imports	Mill Products	70.6	72.8	877.0	901.4	-2.7
	Ingot	118.8	180.2	1,921.2	2,144.1	-10.4
	Total	189.4	253.1	2,798.2	3,045.4	-8.1
	Scrap (+ dross)	38.4	35.1	455.2	425.6	7.0
	Grand Total	227.8	288.2	3,253.4	3,471.0	-6.3
Exports	Mill Products	80.8	60.8	1,023.7	773.6	32.3
	Ingot	160.9	104.9	1,133.9	768.8	47.5
	Total	241.7	165.7	2,157.6	1,542.4	39.9
	Scrap	114.8	95.8	1,181.1	950.9	24.2
	Grand Total	356.5	261.5	3,338.7	2,493.4	33.9
Net Imports		-128.7	26.7	-85.3	977.6	-108.7

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1A

The Aluminum Situation

ECONOMICS AND STATISTICS — FEBRUARY 1990

ALUMNIUM EXPORTS REACH RECORD 2.4 BILLION POUNDS

During 1989, total exports of ingot and mill products reached 2,406 million pounds, an increase of 38.8 percent over the previous year. U.S. imports, on the other hand, were reported at 2,983 million pounds, at drop of 7.8 percent for the same period.

Preliminary industry net shipments for the year 1989, reported at 16,030 million pounds, were down 1.7 percent from the previous year total of 16,358 million pounds.

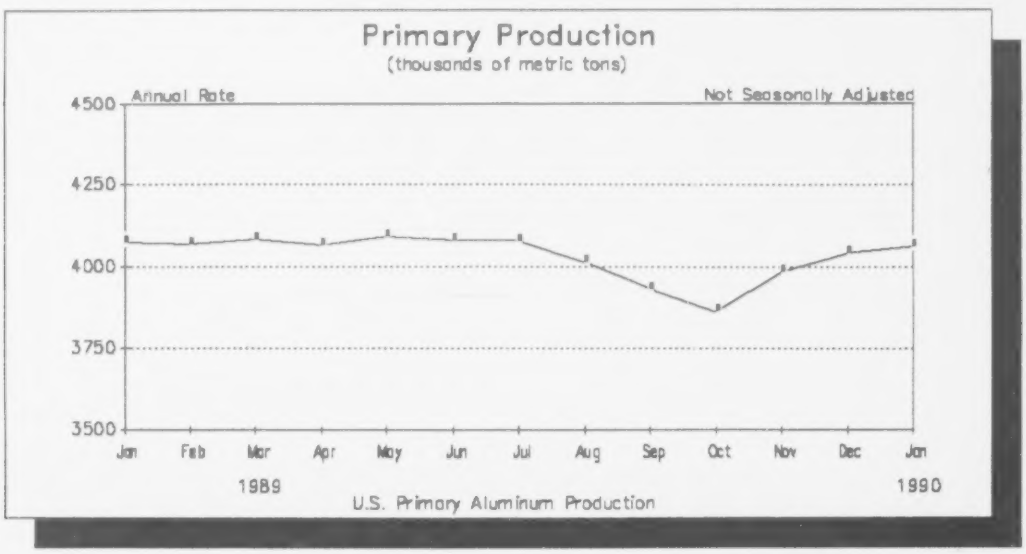
THRU DECEMBER 1989

	1989 12 Mos.	1988 12 Mos.	% Change
Mill Products	12,954	13,177	-1.7
Ingot	3,076	3,181	-3.3
Total	16,030	16,358	-2.0
Less Exports	2,406	1,733	38.9
Domestic Total	13,624	14,625	-6.8

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,129 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,129 metric tons daily during January 1990. This compares with an average of 11,163 metric tons a day in January 1989 and 11,072 metric tons a day in December 1989. The annual rate of production in January 1990 was 4,062,132 metric tons compared with 4,074,636 metric tons in January 1989 and 4,041,209 metric tons in December 1989. Estimated production in January 1990 was 345,003 metric tons. Total primary production for the year 1989 was revised to 4,030,360 metric tons

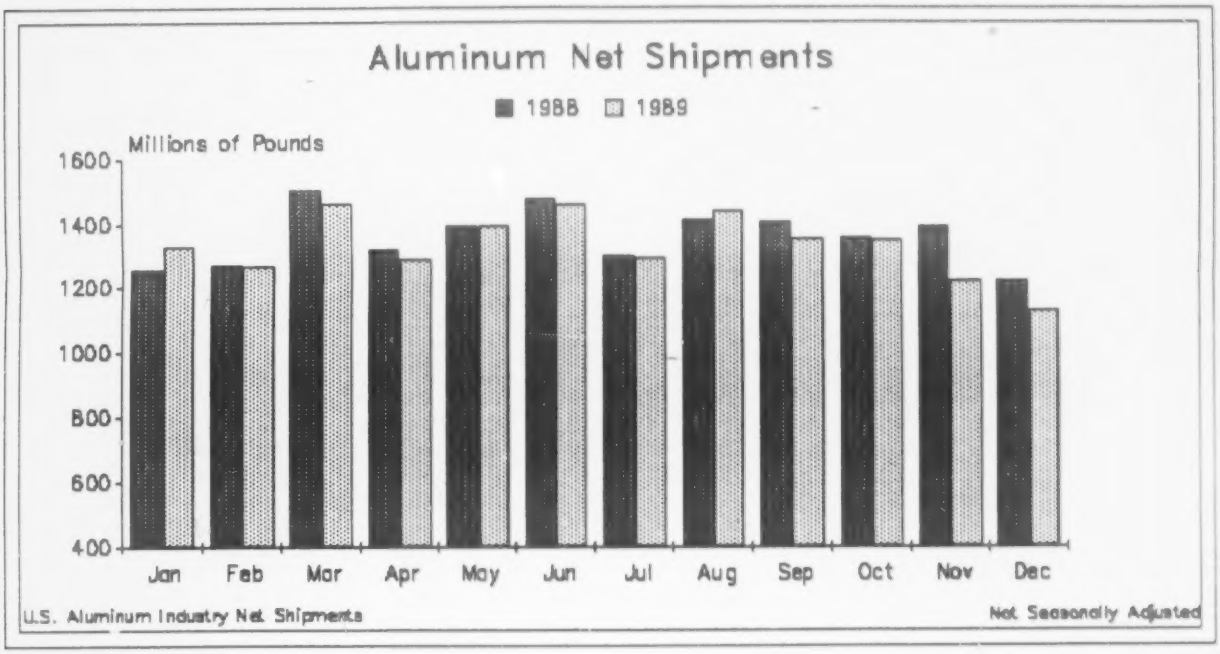


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Phone (202) 862-5100

INDUSTRY NET SHIPMENTS DECLINE 1.7 PERCENT

Total industry net shipments for the yaer 1989, reported at 16,030 million pounds, down 1.7 percent from the previous year total of 16,358 million pounds. Domestic shipments of 13,624 million pounds decreased 6.8 percent from the 1988 total of 14,625 million pounds.



NET SHIPMENTS (Millions of Pounds)	1989 December	1988 December	1989 12 Mos.	1988 12 Mos.	% Change 1989 vs 1988
Sheet	499.7	544.0	7,292.1	7,085.5	2.9
Plate	20.0	22.0	310.3	298.0	4.1
Foil	61.0	72.5	887.9	949.5	-6.5
Rod,Bar & Wire	9.1	18.4	244.9	301.0	-18.7
Elec. Conductor	44.3	49.0	671.5	658.1	2.0
Extruded Shapes,Tube	176.5	184.6	2,671.2	2,724.3	-1.9
Powder & Paste	6.7	8.5	93.0	90.3	3.0
Forgings & Impacts	10.8	12.3	157.1	165.9	-5.3
Net Imports of Mill Products (Total) (a)	46.9	66.0	625.7	904.7	-30.8
Total Mill Products	875.1	977.4	12,953.7	13,177.3	-1.7
Ingot	253.0	243.4	3,076.3	3,180.7	-3.3
TOTAL INDUSTRY SHIPMENTS	1,128.1	1,220.7	16,030.0	16,357.9	-2.0
Exports	248.8	191.1	2,406.4	1,732.5	38.9
TOTAL DOMESTIC SHIPMENTS	879.3	1,029.6	13,623.6	14,625.4	-6.8

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NET NEW ORDER RECEIPTS DOWN 12.9 PERCENT

Estimated net new order receipts of aluminum mill products for January 1990, totaling 1,181 million pounds, declined 12.9 percent from a January 1989 total of 1,356 million pounds. Net new order receipts for December 1989 totaled 895 million pounds.

ORDER RECEIPTS (Millions of Pounds)	1990 January	1989 January	% Change 1990 vs 1989
Sheet & Plate, Other	392.9	482.5	-18.6
Can Stock (a)	349.9	395.2	-11.5
Foil	108.4	96.7	12.1
Bar, Rod & Wire	45.3	30.3	49.5
Electrical Conductor	46.1	83.9	-45.1
Extruded Shapes & Tube	214.0	244.1	-12.3
Powder & Paste	13.7	9.6	42.7
Forgings & Impacts	11.1	13.5	-17.8
Total Mill Products	1,181.4	1,355.8	-12.9

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 38 MILLION POUNDS

Producer inventories decreased in December 1989 to a reported total of 3,949 million pounds. This represents a 38 million pound decline from the November 1989 level of 3,987 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
October	4,174r	1,492r	659r	2,023r
November	3,987r	1,365r	672r	1,951r
December	3,949	1,404	638	1,907

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 34.2 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of December 31, 1989 was 34.2, up 6.5 percent from inventories reported at the end of November 1989.

Month-End Aluminum Customer Inventories
(Average Number of Days)

October	34.3
November	32.1
December	34.2

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1989* December	1988 December	1989* 12 Mos.	1988 12 Mos.	% Change 1989 vs 1988
Imports	Mill Products	66.1	68.6	942.2	969.9	-2.9
	Ingot	119.4	120.6	2,040.6	2,264.7	-9.9
	Total	185.6	189.2	2,982.8	3,234.6	-7.8
	Scrap (+ dross)	35.4	31.5	490.6	457.1	7.3
	Grand Total	221.0	220.7	3,473.3	3,691.7	-5.9
Exports	Mill Products	72.1	78.0	1,095.8	851.6	28.7
	Ingot	176.7	113.1	1,310.6	882.0	48.6
	Total	248.8	191.1	2,406.4	1,733.5	38.8
	Scrap	111.3	121.9	1,292.3	1,072.8	20.5
	Grand Total	360.1	313.0	3,698.7	2,806.3	31.8
Net Imports		-139.1	-92.2	-225.4	885.4	-125.5

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — MARCH 1990

JANUARY SHIPMENTS UP 13.2% FROM DECEMBER '89

Industry net shipments for the month of January 1990, totaling 1,281 million pounds, increased 13.2 percent from December 1989 shipments of 1,131 million pounds.

Domestic shipments for January 1990, totaled 1,017 million pounds, were up 15.3 percent from the previous month total of 882 million pounds.

U.S. exports of aluminum ingot and mill products totaled 264 million pounds, increased 6.0 percent from the December 1989 total of 249 million pounds.

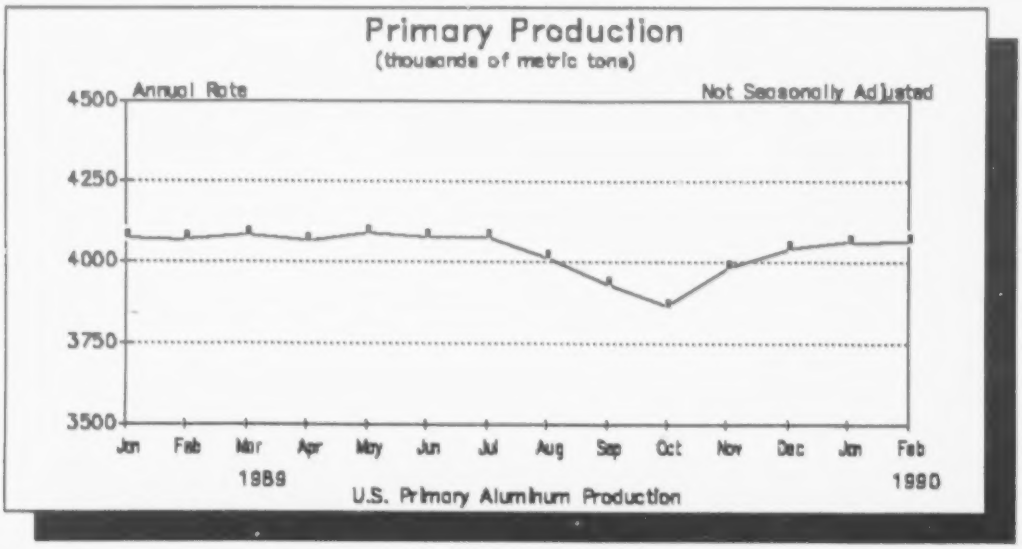
THRU JANUARY 1990

	1990 January	1989 December	% Change
Mill Products	1,036	893	16.0
Ingot	244	237	3.0
Total	1,280	1,131	13.2
Less Exports	264	249	6.0
Domestic Total	1,017	882	15.3

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,135 METRIC TONS

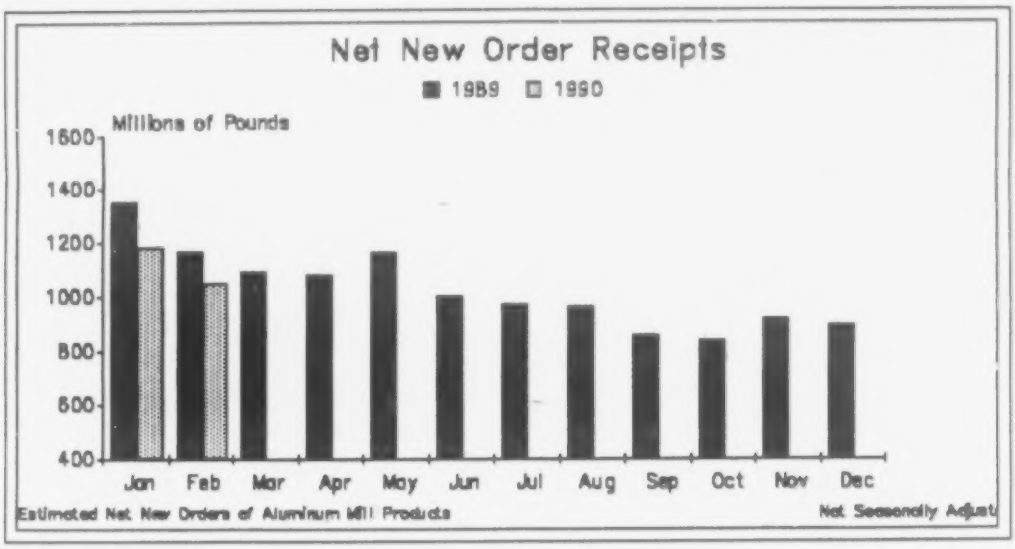
U.S. primary aluminum production averaged an estimated 11,135 metric tons daily during February 1990. This compares with an average of 11,149 metric tons a day in February 1989 and 11,129 metric tons a day in January 1990. The annual rate of production in February 1990 was 4,064,132 metric tons compared with 4,069,307 metric tons in February 1989 and 4,062,132 metric tons in January 1990. Estimated production in February 1990 was 311,769 metric tons.



This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

NET NEW ORDER RECEIPTS DOWN 11.5 PERCENT

Estimated net new order receipts of aluminum mill products for the first two months of 1990, totaling 2,233 million pounds, declined 11.5 percent from the two month 1989 total of 2,523 million pounds. Net new order receipts for February 1990 totaled 1,051 million pounds, down 11.1 percent from January 1990.

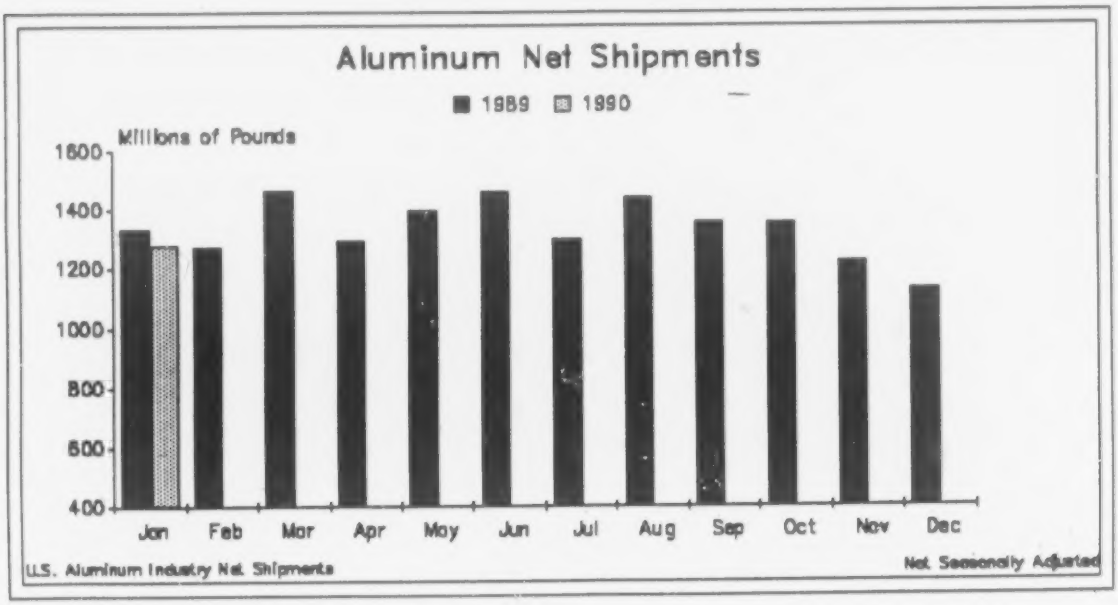


ORDER RECEIPTS (Millions of Pounds)	1990 February	1989 February	1990 2 Mos.	1989 2 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	342.8	435.9	735.4	918.4	-19.9
Can Stock (a)	330.2	306.1	680.1	701.3	-3.0
Foil	88.5	75.4	198.7	172.1	15.5
Bar, Rod & Wire	46.2	45.4	91.5	75.7	20.9
Electrical Conductor	36.5	72.6	81.8	156.5	-47.7
Extruded Shapes & Tube	188.6	211.0	402.6	455.1	-11.5
Powder & Paste	8.3	7.1	22.0	16.7	31.7
Forgings & Impacts	9.5	14.0	20.6	27.5	-25.1
Total Mill Products	1,050.6	1,167.5	2,232.7	2,523.3	-11.5

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

TOTAL NET SHIPMENTS DOWN 4.3% COMPARED TO JANUARY '89

Total industry net shipments for January 1990, reported at 1,280 million pounds, were down 4.3 percent from the previous year total of 1,337 million pounds. Domestic shipments of 1,017 million pounds decreased 14.3 percent from the 1989 total of 1,187 million pounds. U.S. exports of aluminum ingot and mill products of 264 million pounds were up 74.8 percent from January 1989.



NET SHIPMENTS (Millions of Pounds)	1990 January	1989 January	% Change 1990 vs 1989
Sheet	577.6	563.3	2.5
Plate	21.9	25.8	-14.9
Foil	70.2	78.1	-10.1
Rod,Bar & Wire	30.3	29.3	3.1
Elec. Conductor	44.9	61.3	-26.8
Extruded Shapes,Tube	214.0	217.9	-1.8
Powder & Paste	4.7	7.2	-35.5
Forgings & Impacts	9.9	13.3	-25.3
Net Imports of Mill Products (Total) (a)	62.8	71.4	-12.1
Total Mill Products	1,036.2	1,067.6	-2.9
Ingot	244.3	269.9	-9.5
TOTAL INDUSTRY SHIPMENTS	1,280.5	1,337.4	-4.3
Exports	263.5	150.8	74.8
TOTAL DOMESTIC SHIPMENTS	1,016.9	1,186.6	-14.3

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

PRODUCER INVENTORIES UP 22 MILLION POUNDS

Producer inventories increased in January 1990 to a reported total of 4,064 million pounds. This represents a 22 million pound increase from the December 1989 level of 4,042 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
November	3,988	1,365	672	1,951
December	4,042r	1,409r	661r	1,980r
January	4,064	1,342	659r	2,023r

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 33.7 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of January 31, 1990 was 33.7, down 1.5 percent from inventories reported at the end of December 1989.

Month-End Aluminum Customer Inventories
(Average Number of Days)

November	32.1
December	34.2
January	33.7

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990* January	1989 January	% Change 1990 vs 1989
Imports	Mill Products	88.5	93.9	-5.7
	Ingot	186.0	219.3	-15.2
	Total	274.5	313.1	-12.3
	Scrap (+ dross)	40.2	40.5	-0.6
	Grand Total	314.8	353.6	-11.0
Exports	Mill Products	89.0	73.6	20.9
	Ingot	174.6	77.2	126.2
	Total	263.5	150.8	74.8
	Scrap	104.9	106.2	-1.2
	Grand Total	368.5	257.0	43.4
Net Imports		-53.7	96.6	-155.6

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

20450-1

The Aluminum Situation

ECONOMICS AND STATISTICS — APRIL 1990

INDUSTRY SHIPMENTS DROP 5.6 PERCENT FROM 1989

Industry net shipments for the first two months of 1990, totaling 2,464 million pounds, decreased 5.6 percent from 1989 shipments of 2,611 million pounds.

Domestic shipments for two months of 1990, totaling 1,976 million pounds, were down 13.3 percent from the previous year total of 2,280 million pounds.

U.S. exports of aluminum ingot and mill products continue to be strong totaling 488 million pounds during the first two months, increased 47.7 percent from the 1989 total of 331 million pounds.

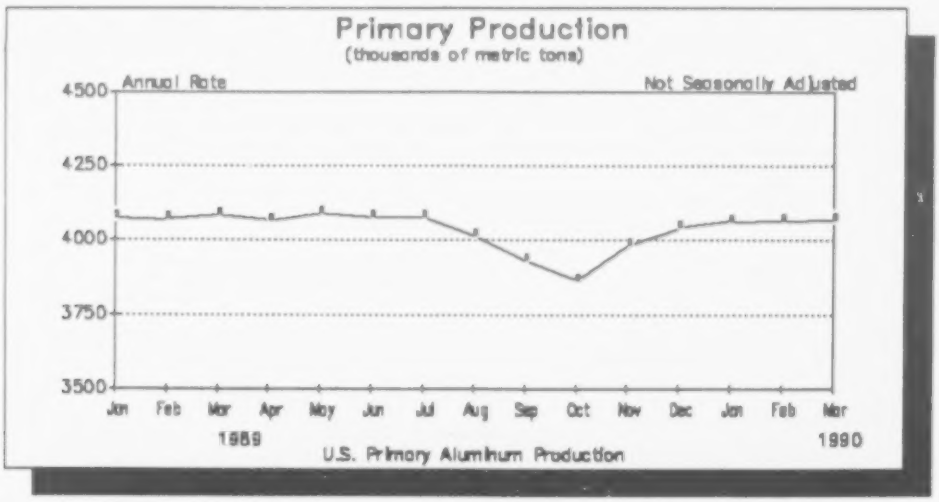
THRU FEBRUARY 1990

	1990 2 Mos.	1989 2 Mos.	% Change
Mill Products	2,024	2,105	-3.9
Ingot	441	506	-12.9
Total	2,464	2,611	-5.6
Less Exports	488	331	47.7
Domestic Total	1,976	2,280	-13.3

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,143 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,143 metric tons daily during March 1990. This compares with an average of 11,185 metric tons a day in March 1989 and 11,135 metric tons a day in February 1990. The annual rate of production in March 1990 was 4,067,077 metric tons compared with 4,082,690 metric tons in March 1989 and 4,064,132 metric tons in February 1990. Estimated production in March 1990 was 345,423 metric tons.

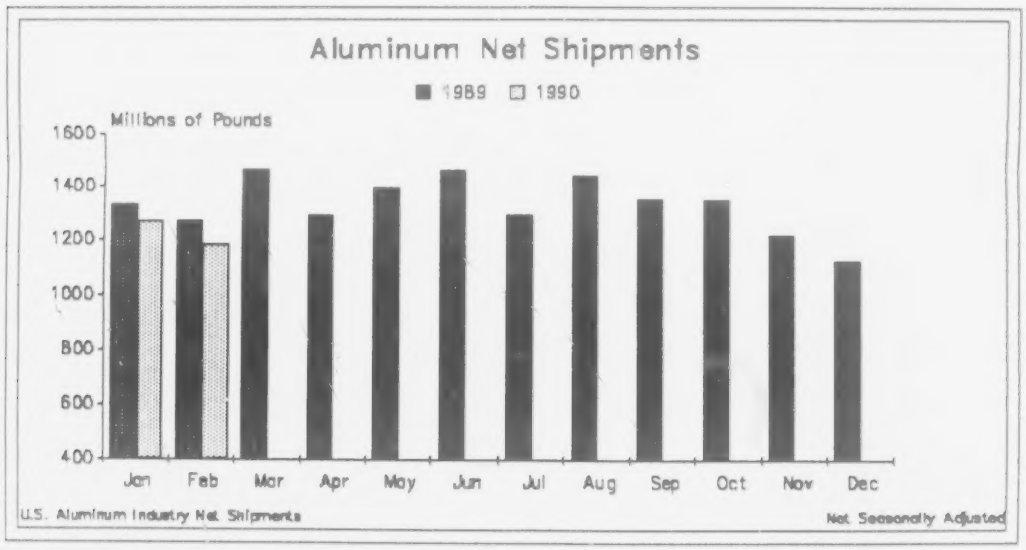


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Phone (202) 862-5100

TOTAL NET SHIPMENTS DOWN 5.6 PERCENT FROM 1989

Industry net shipments for the first two months of 1990, totaling 2,464 million pounds, decreased 5.6 percent from 1989 shipments of 2,611 million pounds. Domestic shipments for two months of 1990, totaling 1,976 million pounds, were down 13.3 percent from the previous year total of 2,280 million pounds. U.S. exports totaled 488 million pounds during the first two months, increasing 47.7 percent from the 1989 total of 331 million pounds.

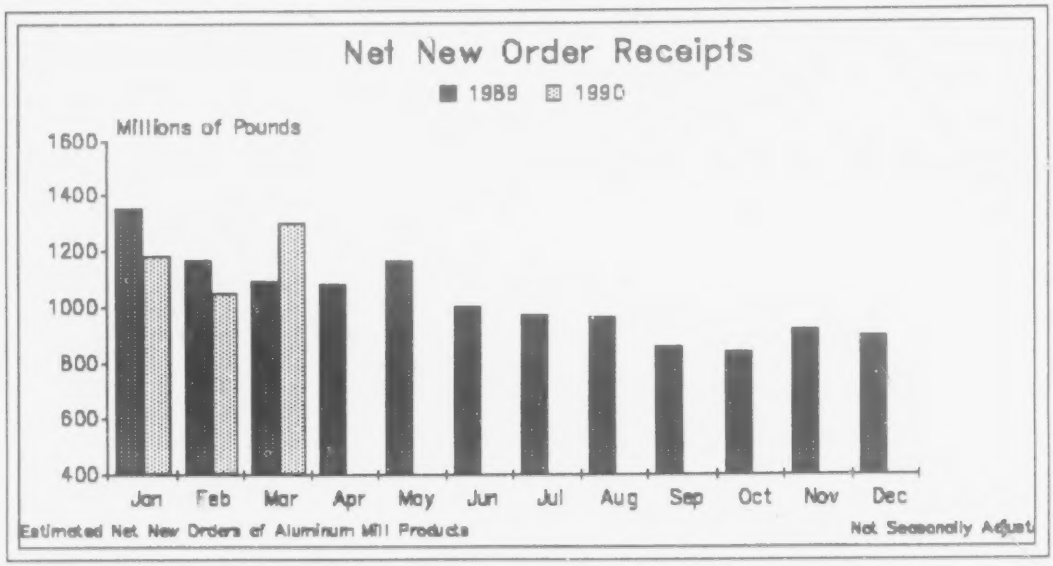


NET SHIPMENTS (Millions of Pounds)	1990 February	1989 February	1990 2 Mos.	1989 2 Mos.	% Change 1990 vs 1989
Sheet	539.1	586.3	1,116.7	1,149.6	-2.9
Plate	20.2	26.7	41.4	52.5	-21.2
Foil	75.8	73.1	149.0	151.2	-1.4
Rod,Bar & Wire	24.7	25.0	50.8	54.4	-6.6
Elec. Conductor	46.6	50.3	92.9	111.5	-16.7
Extruded Shapes,Tube	206.9	214.8	424.5	432.7	-1.9
Powder & Paste	6.7	6.3	12.9	13.5	-4.7
Forgings & Impacts	12.0	13.9	25.1	27.2	-7.5
Net Imports of Mill Products (Total) (a)	49.4	40.9	110.5	112.3	-1.5
Total Mill Products	981.4	1,037.4	2,023.9	2,104.9	-3.9
Ingot	207.7	236.0	440.6	505.8	-12.9
TOTAL INDUSTRY SHIPMENTS	1,189.2	1,273.3	2,464.4	2,610.8	-5.6
Exports	224.9	179.8	488.4	330.6	47.7
TOTAL DOMESTIC SHIPMENTS	964.3	1,093.6	1,976.0	2,280.2	-13.3

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NET NEW ORDER RECEIPTS DOWN 2.3 PERCENT

Estimated net new order receipts of aluminum mill products for the first three months of 1990, totaling 3,535 million pounds, declined 2.3 percent from the three month 1989 total of 3,617 million pounds. Net new order receipts for March 1990 totaled 1,302 million pounds, up 23.9 percent from February 1990.



ORDER RECEIPTS (Millions of Pounds)	1990 March	1989 March	1990 3 Mos.	1989 3 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	425.7	410.9	1,161.1	1,329.3	-12.7
Can Stock (a)	429.8	264.6	1,109.9	965.9	14.9
Foil	93.3	84.8	292.0	256.9	13.7
Bar, Rod & Wire	61.9	39.2	153.4	114.9	33.5
Electrical Conductor	41.9	69.9	123.7	226.4	-45.4
Extruded Shapes & Tube	225.6	202.8	628.2	657.9	-4.5
Powder & Paste	9.6	10.7	31.6	27.4	15.3
Forgings & Impacts	14.0	10.3	34.6	37.8	-8.5
Total Mill Products	1,301.8	1,093.2	3,534.5	3,616.5	-2.3

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES UP 101 MILLION POUNDS

Producer inventories increased in February 1990 to a reported total of 4,132 million pounds. This represents a 101 million pound increase from the January level of 4,031 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
December	4,043r	1,402r	661	1,980
January	4,031r	1,351r	643r	2,037r
February	4,132	1,460	703	1,969

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 33.0 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of February 28, 1990 was 33.0, down 2.1 percent from inventories reported at the end of January.

Month-End Aluminum Customer Inventories
(Average Number of Days)

December	34.2
January	33.7
February	33.0

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 February	1989 February	1990* 2 Mos.	1989 2 Mos.	% Change 1990 vs 1989
Imports	Mill Products	88.4	66.1	176.4	159.9	10.3
	Ingot	161.9	173.8	348.0	393.1	-11.5
	Total	250.3	239.8	524.3	553.0	-5.2
	Scrap (+ dross)	54.1	36.1	94.3	76.6	23.1
	Grand Total	304.4	276.0	618.6	629.6	-1.7
Exports	Mill Products	80.9	87.2	169.9	160.8	5.6
	Ingot	144.0	92.6	318.5	169.7	87.6
	Total	224.9	179.8	488.4	330.6	47.7
	Scrap	101.1	119.7	206.1	225.9	-8.8
	Grand Total	326.0	299.5	694.5	556.4	24.8
Net Imports		-21.6	-23.5	-75.8	73.1	-203.7

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

The Aluminum Situation

ECONOMICS AND STATISTICS — MAY 1990

INDUSTRY SHIPMENTS DROP 4.9 PERCENT FROM 1989

Industry net shipments for the first three months of 1990, totaling 3,876 million pounds, decreased 4.9 percent from 1989 shipments of 4,076 million pounds.

Domestic shipments for three months of 1990, totaling 3,178 million pounds, were down 10.6 percent from the previous year total of 3,555 million pounds.

U.S. exports of aluminum ingot and mill products continue to be strong totaling 698 million pounds during the first three months, increased 33.9 percent from the 1989 total of 521 million pounds.

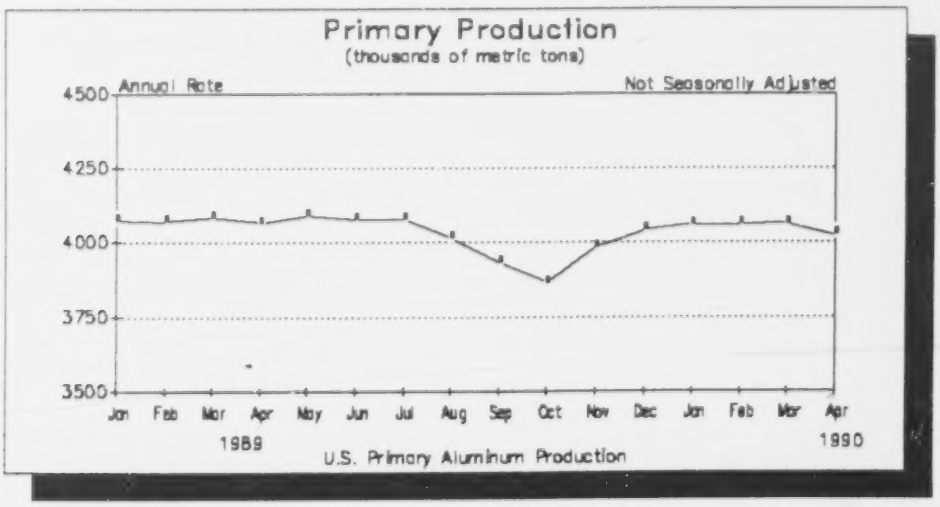
THRU MARCH 1990

	1990 3 Mos.	1989 3 Mos.	% Change
Mill Products	3,156	3,336	-5.4
Ingot	720	740	-2.7
Total	3,876	4,076	-4.9
Less Exports	698	521	33.9
Domestic Total	3,178	3,555	-10.6

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,028 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,028 metric tons daily during April 1990. This compares with an average of 11,138 metric tons a day in April 1989 and 11,130 metric tons a day in March 1990. The annual rate of production in April 1990 was 4,025,135 metric tons compared with 4,065,504 metric tons in April 1989 and 4,062,568 metric tons in March 1990. Estimated production in April 1990 was 330,833 metric tons.

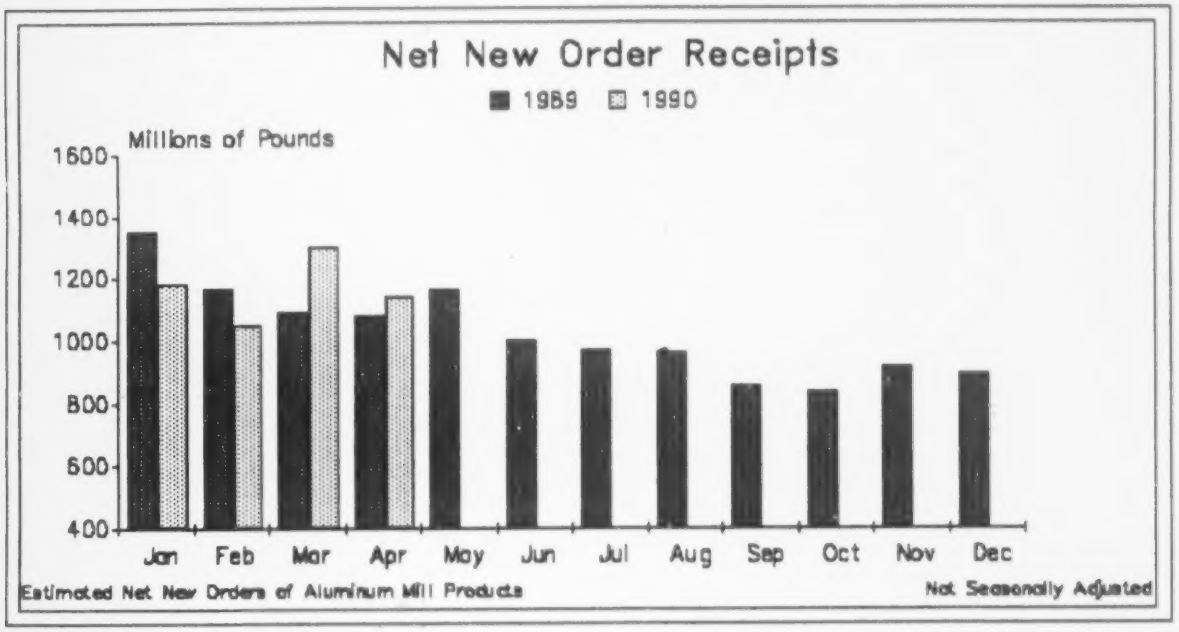


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

900 19th Street, N.W. Washington, D.C. 20006
Phone (202) 862-5100

NET NEW ORDER RECEIPTS DOWN 0.4 PERCENT

Estimated net new order receipts of aluminum mill products for the first four months of 1990, totaling 4,677 million pounds, declined 0.4 percent from the four month 1989 total of 4,698 million pounds. Net new order receipts for April 1990 totaled 1,142 million pounds, down 12.3 percent from March 1990.

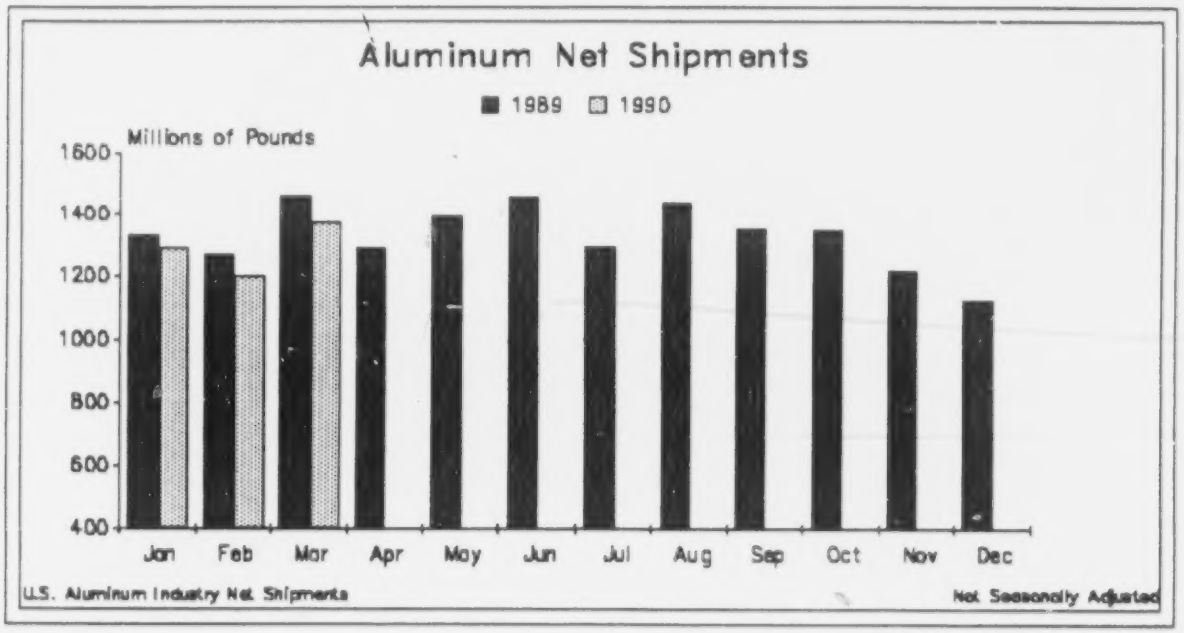


ORDER RECEIPTS (Millions of Pounds)	1990 April	1989 April	1990 4 Mos.	1989 4 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	411.2	342.0	1,572.7	1,671.3	-5.9
Can Stock (a)	333.3	367.8	1,443.2	1,333.7	8.2
Foil	85.6	67.9	377.7	324.8	16.3
Bar, Rod & Wire	45.1	31.3	198.5	146.2	35.8
Electrical Conductor	44.9	47.7	168.6	274.1	-38.5
Extruded Shapes & Tube	201.4	194.3	829.6	852.2	-2.7
Powder & Paste	11.2	14.2	42.8	41.6	2.9
Forgings & Impacts	9.6	16.0	44.2	53.8	-17.8
Total Mill Products	1,142.3	1,081.2	4,677.3	4,697.7	-0.4

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

MARCH INDUSTRY SHIPMENTS REPORTED AT 1,377 MILLION POUNDS

Industry net shipments for March 1990 were reported at 1,377 million pounds, up 14.4 percent from revised February shipments of 1,204 million pounds. Year-to-date, total industry shipments totalled 3,876 million pounds, a decrease of 4.9 percent from a previous year total of 4,076 million pounds. Domestic shipments for three months of 1990, totaling 3,178 million pounds, were down 10.6 percent from the previous year total of 3,555 million pounds. U.S. exports totaled 698 million pounds during the first theee months, increased 33.9 percent from the same period of 1989.



NET SHIPMENTS (Millions of Pounds)	1990 March	1989 March	1990 3 Mos.	1989 3 Mos.	% Change 1990 vs 1989
Sheet	621.4	724.1	1,747.3	1,873.7	-6.7
Plate	24.0	28.6	65.4	81.1	-19.4
Foil	85.9	79.1	234.8	230.3	1.9
Rod,Bar & Wire	32.6	26.8	85.2	81.2	4.8
Elec. Conductor	55.9	61.0	147.4	172.5	-14.5
Extruded Shapes,Tube	232.6	241.2	651.4	673.9	-3.3
Powder & Paste	8.6	9.2	21.7	22.8	-4.6
Forgings & Impacts	13.6	13.7	38.7	40.9	-5.4
Net Imports of Mill Products (Total) (a)	53.2	47.3	163.8	159.6	2.6
Total Mill Products	1,127.9	1,231.1	3,155.7	3,336.0	-5.4
Ingot	249.2	234.6	720.5	740.5	-2.7
TOTAL INDUSTRY SHIPMENTS	1,377.0	1,465.7	3,876.2	4,076.5	-4.9
Exports	210.0	190.8	698.4	521.4	33.9
TOTAL DOMESTIC SHIPMENTS	1,167.1	1,274.9	3,177.8	3,555.1	-10.6

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

PRODUCER INVENTORIES DOWN 108 MILLION POUNDS

Producer inventories decreased in March 1990 to a reported total of 3,927 million pounds. This represents a 108 million pound decrease from the revised February level of 4,035 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
January	4,019r	1,368r	665r	1,986r
February	4,035r	1,429r	688r	1,918r
March	3,927	1,386	535	2,007

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 33.3 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of March 31, 1990 was 33.3, up 0.9 percent from inventories reported at the end of February.

Month-End Aluminum Customer Inventories
(Average Number of Days)

January	33.7
February	33.0
March	33.3

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 March	1989 March	1990* 3 Mos.	1989 3 Mos.	% Change 1990 vs 1989
Imports	Mill Products	91.5	83.4	268.0	243.3	10.1
	Ingot	189.5	184.5	537.5	577.6	-6.9
	Total	281.1	267.9	805.4	820.9	-1.9
	Scrap (+ dross)	36.3	41.7	130.6	118.3	10.5
	Grand Total	317.4	309.6	936.1	939.2	-0.3
Exports	Mill Products	87.9	101.9	257.7	262.7	-1.9
	Ingot	122.1	89.0	440.6	258.7	70.3
	Total	210.0	190.8	698.4	521.4	33.9
	Scrap	103.6	109.6	309.7	335.5	-7.7
	Grand Total	313.6	300.4	1,008.1	856.8	17.6
Net Imports		3.8	9.2	-72.0	82.3	-187.4

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

The Aluminum Situation

ECONOMICS AND STATISTICS — JUNE 1990

INDUSTRY SHIPMENTS DOWN 4.1 PERCENT FROM 1989

Industry net shipments for the first four months of 1990, totaling 5,148 million pounds, decreased 4.1 percent from 1989 shipments of 5,370 million pounds.

Domestic shipments for four months of 1990, totaling 4,218 million pounds, were down 10.0 percent from the previous year total of 4,687 million pounds.

U.S. exports of aluminum ingot and mill products continue to be strong, totaling 930 million pounds during the first four months, increased 36.2 percent from the 1989 total of 683 million pounds.

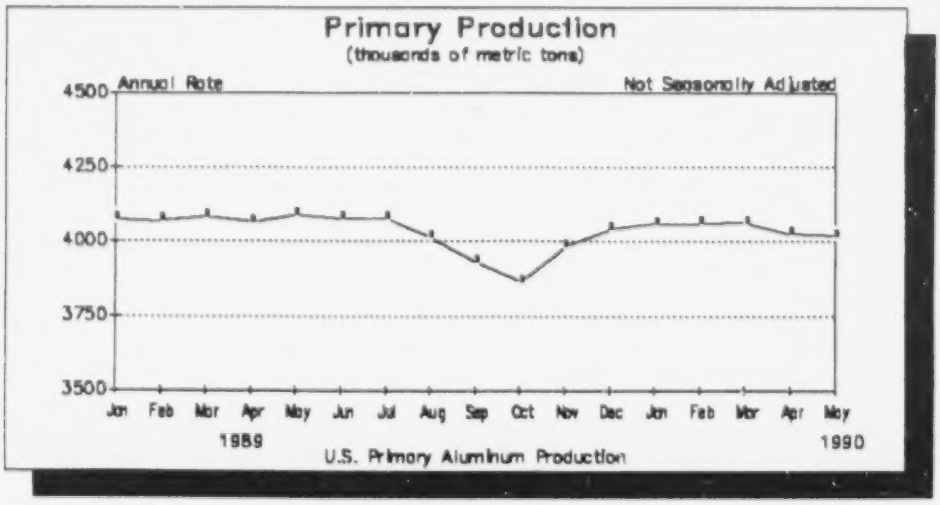
THRU APRIL 1990

	1990 4 Mos.	1989 4 Mos.	% Change
Mill Products	4,211	4,430	-4.9
Ingot	937	940	-0.3
Total	5,148	5,370	-4.1
Less Exports	930	683	36.2
Domestic Total	4,218	4,687	-10.0

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,007 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,007 metric tons daily during May 1990. This compares with an average of 11,208 metric tons a day in May 1989 and 11,028 metric tons a day in April 1990. The annual rate of production in May 1990 was 4,017,696 metric tons compared with 4,090,802 metric tons in May 1989 and 4,025,135 metric tons in April 1990. Estimated production in May 1990 was 341,229 metric tons.

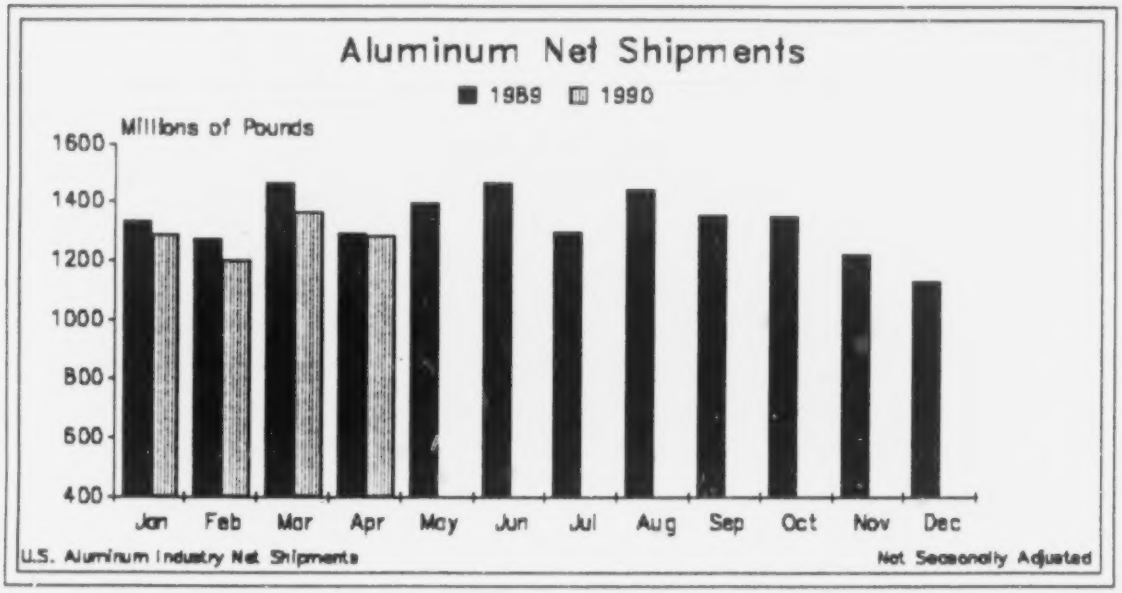


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Phone (202) 862-5100

APRIL INDUSTRY SHIPMENTS REPORTED AT 1,289 MILLION POUNDS

Industry net shipments for April 1990 were reported at 1,289 million pounds, down 5.7 percent from revised March shipments of 1,367 million pounds. Year-to-date, total industry shipments totalled 5,148 million pounds, a decline of 4.1 percent from a previous year total of 5,370 million pounds. Domestic shipments for four months of 1990, totaling 4,218 million pounds, were down 10.0 percent from the previous year total of 4,687 million pounds. U.S. exports totaled 930 million pounds during the first four months, increasing 36.2 percent from the same period of 1989.

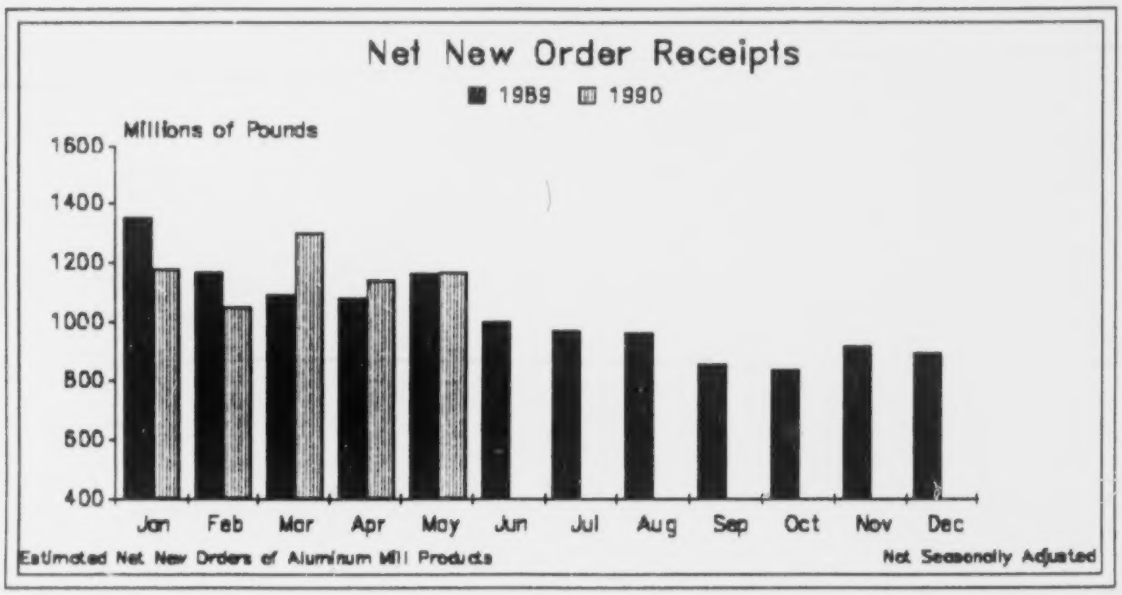


NET SHIPMENTS (Millions of Pounds)	1990 April	1989 April	1990 4 Mos.	1989 4 Mos.	% Change 1990 vs 1989
Sheet	606.3	611.5	2,352.6	2,485.2	-5.3
Plate	22.3	24.9	87.6	106.1	-17.4
Foil	74.6	69.2	309.3	299.5	3.3
Rod,Bar & Wire	19.6	23.7	104.3	104.9	-0.6
Elec. Conductor	51.6	57.6	199.5	230.1	-13.3
Extruded Shapes,Tube	215.7	237.7	863.3	911.6	-5.3
Powder & Paste	8.3	7.2	29.8	30.0	-0.7
Forgings & Impacts	13.1	13.8	52.0	54.7	-5.0
Net Imports of Mill Products (Total) (a)	55.3	48.3	212.4	207.9	2.2
Total Mill Products	1,066.7	1,093.9	4,210.7	4,429.9	-4.9
Ingot	222.2	199.9	937.3	940.3	-0.3
TOTAL INDUSTRY SHIPMENTS	1,288.9	1,293.7	5,148.0	5,370.2	-4.1
Exports	231.4	161.4	929.8	682.8	36.2
TOTAL DOMESTIC SHIPMENTS	1,057.5	1,132.3	4,218.3	4,687.4	-10.0

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

MAY NEW ORDER RECEIPTS INCREASE 2.3 PERCENT

Estimated net new order receipts of aluminum mill products for the month of May totaling 1,168 million pounds, increased 2.3 percent from the previous month total of 1,141 million pounds. Year-to-date, net new orders totaling 5,844 million pounds, declined 0.3 percent from the five month 1989 total of 5,862 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1990 May	1989 May	1990 5 Mos.	1989 5 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	396.5	359.3	1,968.2	2,030.6	-3.1
Can Stock (a)	356.6	391.7	1,799.6	1,725.4	4.3
Foil	88.9	91.2	466.6	416.0	12.2
Bar, Rod & Wire	45.7	37.5	244.2	183.7	32.9
Electrical Conductor	45.6	53.7	214.2	327.8	-34.7
Extruded Shapes & Tube	207.1	206.5	1,036.7	1,058.7	-2.1
Powder & Paste	16.9	10.3	59.7	51.9	15.0
Forgings & Impacts	10.6	14.4	54.8	68.2	-19.6
Total Mill Products	1,167.9	1,164.6	5,844.0	5,862.3	-0.3

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES UP 48 MILLION POUNDS

Producer inventories increased in April 1990 to a reported total of 3,966 million pounds. This represents a 48 million pound increase from the revised March level of 3,918 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
February	4,035	1,429	688	1,918
March	3,918r	1,380r	532r	2,006r
April	3,966	1,365	575	2,026

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 32.9 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of April 30, 1990 was 33.3, down 1.2 percent from inventories reported at the end of March.

Month-End Aluminum Customer Inventories
(Average Number of Days)

February	33.0
March	33.3
April	32.9

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 April	1989 April	1990* 4 Mos.	1989 4 Mos.	% Change 1990 vs 1989
Imports	Mill Products	89.9	82.5	357.8	325.8	9.8
	Ingot	188.5	205.3	726.0	782.9	-7.3
	Total	278.4	287.8	1,083.9	1,108.7	-2.2
	Scrap (+ dross)	95.5	37.4	226.1	155.7	45.3
	Grand Total	373.9	325.2	1,310.0	1,264.4	3.6
Exports	Mill Products	94.5	87.9	352.2	350.5	0.5
	Ingot	136.9	73.6	577.5	332.3	73.8
	Total	231.4	161.4	929.8	682.8	36.2
	Scrap	97.5	106.2	407.2	441.7	-7.8
	Grand Total	328.9	267.6	1,336.9	1,124.5	18.9
Net Imports		45.0	57.6	-26.9	139.9	-119.3

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

AB400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — JULY 1990

INDUSTRY SHIPMENTS DOWN 6.3 PERCENT FROM 1989

Industry net shipments for five months of 1990, totaling 6,538 million pounds, decreased 6.3 percent from 1989 shipments of 6,975 million pounds.

Domestic shipments for five months of 1990, totaling 5,417 million pounds, were down 10.8 percent from the previous year total of 6,070 million pounds.

U.S. exports of aluminum ingot and mill products continue to be strong, totaling 1,121 million pounds during the first five months, increased 24 percent from the 1989 total of 904 million pounds.

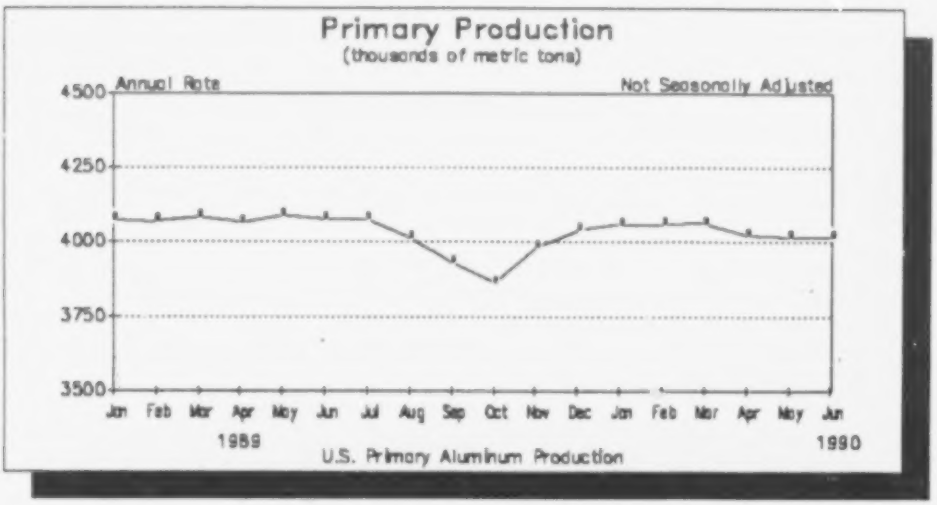
THRU MAY 1990

	1990 5 Mos.	1989 5 Mos.	% Change
Mill Products	5,348	5,538	-3.4
Ingot	1,189	1,437	-17.2
Total	6,538	6,975	-6.3
Less Exports	1,121	904	24.0
Domestic Total	5,417	6,070	-10.8

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,006 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,006 metric tons daily during June 1990. This compares with an average of 11,173 metric tons a day in June 1989 and 11,007 metric tons a day in May 1990. The annual rate of production in June 1990 was 4,017,044 metric tons compared with 4,078,230 metric tons in June 1989 and 4,017,402 metric tons in May 1990. Estimated production in June 1990 was 330,168 metric tons.

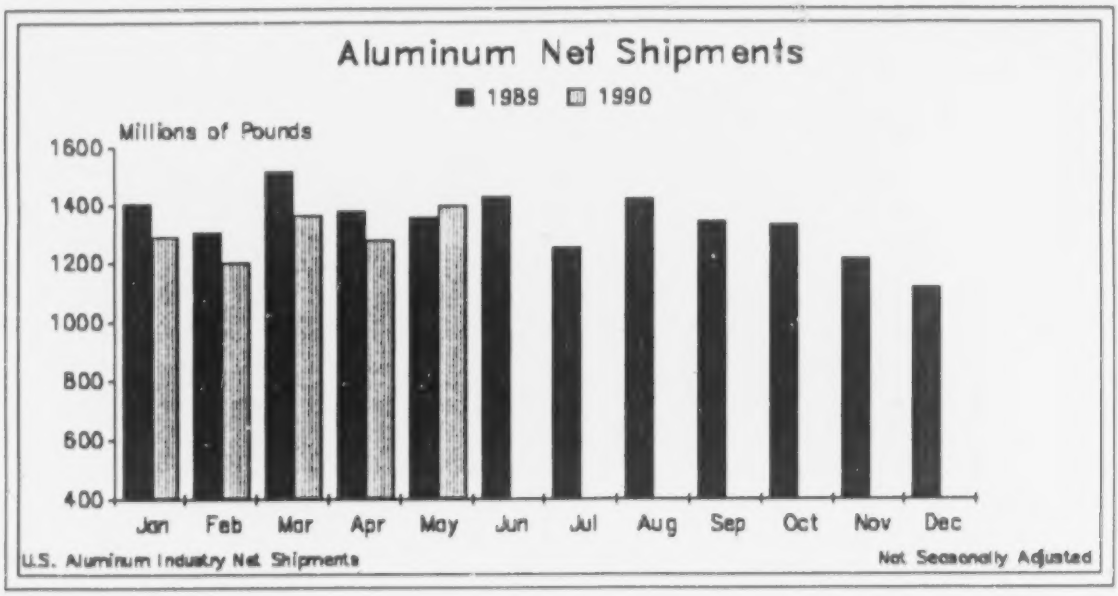


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Situation
900 19th Street, N.W., Washington, D.C. 20006
Phone (202) 862-5100

MAY INDUSTRY SHIPMENTS REPORTED AT 1,400 MILLION POUNDS

Industry net shipments for May 1990 were reported at 1,400 million pounds, up 9.4 percent from revised April shipments of 1,279 million pounds. Year-to-date, total industry shipments totaled 6,538 million pounds, a decline of 6.3 percent from a previous year total of 6,975 million pounds. Domestic shipments for five months of 1990, totaling 5,417 million pounds, were down 10.8 percent from the previous year total of 6,070 million pounds. U.S. exports totaled 1,121 million pounds during the first five months, an increase of 24 percent from the same period of 1989.

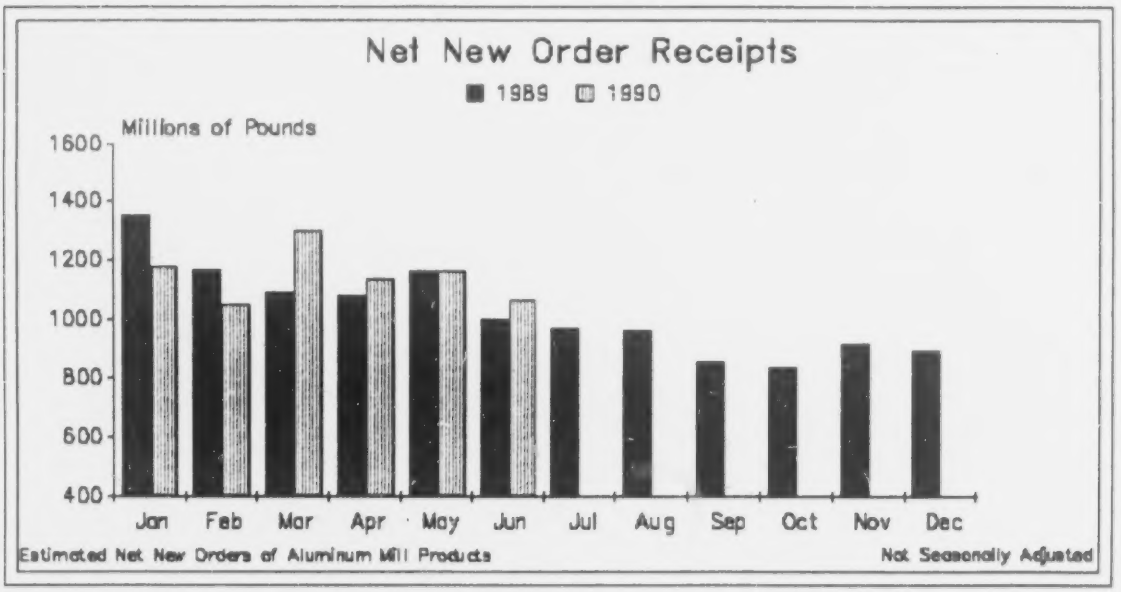


NET SHIPMENTS (Millions of Pounds)	1990 May	1989 May	1990 5 Mos.	1989 5 Mos.	% Change 1990 vs 1989
Sheet	651.5	652.4	3,004.1	3,134.3	-4.2
Plate	21.9	27.9	109.6	132.2	-17.1
Foil	81.8	75.0	391.8	370.7	5.7
Rod,Bar & Wire	25.7	19.3	130.0	101.3	28.2
Elec. Conductor	53.5	64.2	253.0	293.2	-13.7
Extruded Shapes,Tube	230.3	229.9	1,093.4	1,135.8	-3.7
Powder & Paste	8.2	7.5	38.0	39.1	-2.9
Forgings & Impacts	11.7	13.4	63.4	68.3	-7.3
Net Imports of Mill Products (Total) (a)	53.2	54.6	265.2	262.5	1.0
Total Mill Products	1,137.9	1,144.1	5,348.4	5,537.5	-3.4
Ingot	261.7	216.9	1,189.4	1,437.0	-17.2
TOTAL INDUSTRY SHIPMENTS	1,399.6	1,361.0	6,537.8	6,974.5	-6.3
Exports	191.3	221.3	1,121.1	904.2	24.0
TOTAL DOMESTIC SHIPMENTS	1,208.3	1,139.7	5,416.8	6,070.3	-10.8

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

JUNE NEW ORDER RECEIPTS INCREASE 8.5 PERCENT

Estimated net new order receipts of aluminum mill products for the month of June totaling 1,067 million pounds, decreased 8.5 percent from the previous month total of 1,166 million pounds. Year-to-date, net new orders totaling 6,907 million pounds, increased slightly, up 6 tenths of one percent from the six month 1989 total of 6,865 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1990 June	1989 June	1990 6 Mos.	1989 6 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	359.8	289.6	2,328.6	2,320.2	0.4
Can Stock (a)	337.4	343.7	2,135.7	2,069.1	3.2
Foil	72.9	89.5	539.6	505.5	6.7
Bar, Rod & Wire	37.9	31.9	281.5	215.6	30.6
Electrical Conductor	54.4	41.2	266.0	369.0	-27.9
Extruded Shapes & Tube	184.4	186.9	1,221.0	1,245.6	-2.0
Powder & Paste	8.4	8.6	68.1	60.5	12.6
Forgings & Impacts	11.7	11.7	66.5	79.9	-16.8
Total Mill Products	1,066.9	1,003.1	6,907.0	6,865.4	0.6

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 47 MILLION POUNDS

Producer inventories decreased in May 1990 to a reported total of 3,906 million pounds. This represents a 47 million pound decrease from the revised April level of 3,953 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
March	3,918	1,380	532	2,006
April	3,953r	1,356r	573r	2,024r
May	3,906	1,393	549	1,965

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 32.6 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of May 31, 1990 was 32.6, down 9 tenths of one percent from inventories reported at the end of April.

Month-End Aluminum Customer Inventories
(Average Number of Days)

March	33.3
April	32.9
May	32.6

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 May	1989 May	1990* 5 Mos.	1989 5 Mos.	% Change 1990 vs 1989
Imports	Mill Products	88.7	86.2	446.2	412.0	8.3
	Ingot	199.7	167.0	925.7	949.9	-2.5
	Total	288.4	253.2	1,371.8	1,361.9	0.7
	Scrap (+ dross)	42.1	38.9	268.2	194.6	37.9
	Grand Total	330.5	292.1	1,640.1	1,556.5	5.4
Exports	Mill Products	99.5	145.7	451.7	496.3	-9.0
	Ingot	91.9	75.6	669.4	407.9	64.1
	Total	191.3	221.3	1,121.1	904.2	24.0
	Scrap	77.7	105.7	484.9	547.3	-11.4
	Grand Total	269.0	327.0	1,605.9	1,451.5	10.6
Net Imports		61.5	-34.9	34.1	105.0	-67.5

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0406-1

The Aluminum Situation

ECONOMICS AND STATISTICS — AUGUST 1990

INDUSTRY SHIPMENTS DOWN 5.8 PERCENT FROM 1989

Industry net shipments for six months of 1990, totaling 7,920 million pounds, decreased 5.8 percent from 1989 shipments of 8,406 million pounds.

Domestic shipments for six months of 1990, totaling 6,593 million pounds, were down 9.8 percent from the previous year total of 7,312 million pounds.

U.S. exports of aluminum ingot and mill products continue to be strong, totaling 1,327 million pounds during the first six months, increased 21.3 percent from the 1989 total of 1,094 million pounds.

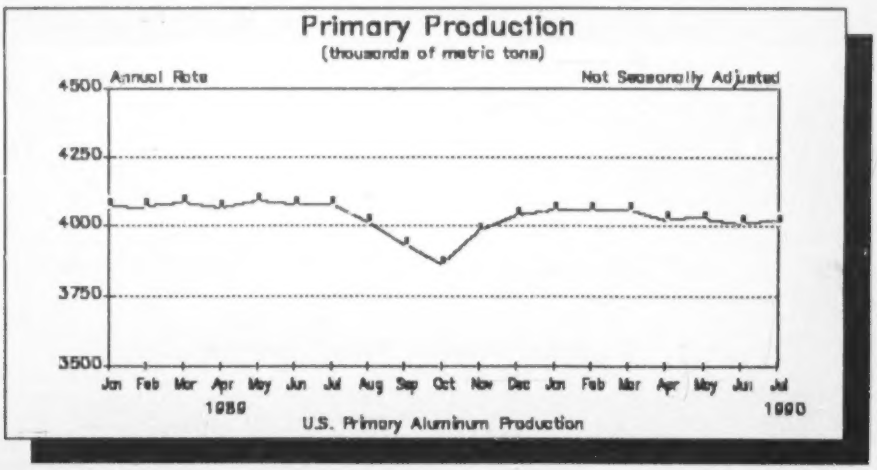
THRU JUNE 1990

	1990 6 Mos.	1989 6 Mos.	% Change
Mill Products	6,483	6,706	-3.3
Ingot	1,437	1,700	-15.5
Total	7,920	8,406	-5.8
Less Exports	1,327	1,094	21.3
Domestic Total	6,593	7,312	-9.8

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,004 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,004 metric tons daily during July 1990. This compares with an average of 11,150 metric tons a day in July 1989 and 10,993 metric tons a day in June 1990. The annual rate of production in July 1990 was 4,016,601 metric tons compared with 4,069,844 metric tons in July 1989 and 4,012,494 metric tons in June 1990. Estimated production in July 1990 was 341,136 metric tons.

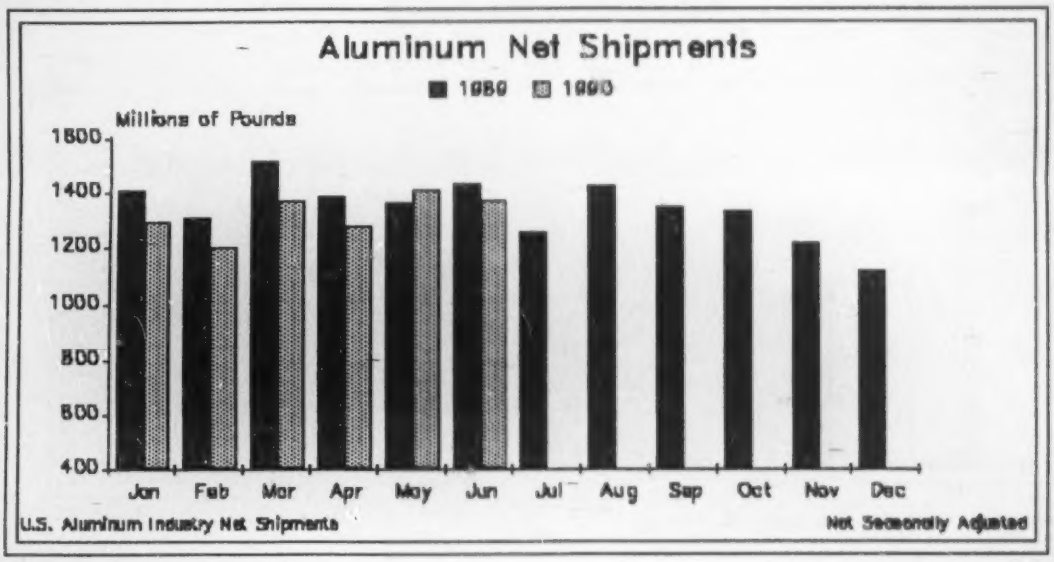


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Association
900 19th Street, N.W. Washington, D.C. 20006
Phone (202) 862-5100

JUNE INDUSTRY SHIPMENTS REPORTED AT 1,373 MILLION POUNDS

Industry net shipments for June 1990 were reported at 1,373 million pounds, down 2.5 percent from revised May shipments of 1,408 million pounds. Year-to-date, total industry shipments totaled 7,920 million pounds, a decline of 5.8 percent from a previous year total of 8,406 million pounds. Domestic shipments for six months of 1990, totaling 6,593 million pounds, were down 9.8 percent from the previous year total of 7,312 million pounds. U.S. exports totaled 1,327 million pounds during the first six months, an increase of 21 percent from the same period of 1989.

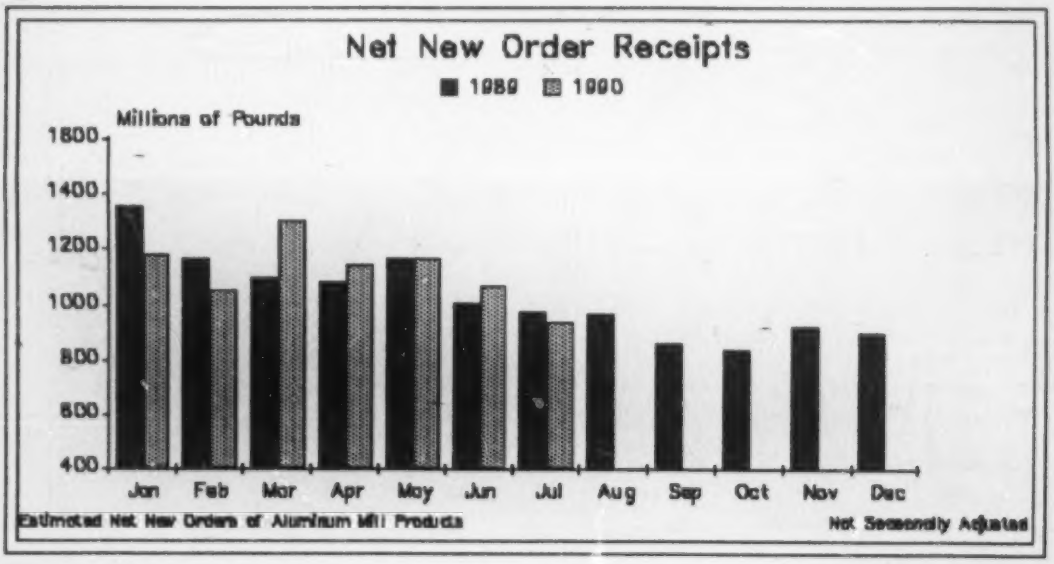


NET SHIPMENTS (Millions of Pounds)	1990 June	1989 June	1990 6 Mos.	1989 6 Mos.	% Change 1990 vs 1989
Sheet	636.9	662.6	3,646.7	3,797.0	-4.0
Plate	22.8	27.3	132.3	159.5	-17.1
Foil	77.7	78.0	468.9	448.7	4.5
Rod,Bar & Wire	32.7	11.5	162.7	112.8	44.2
Elec. Conductor	53.9	67.4	306.9	360.6	-14.9
Extruded Shapes,Tube	222.0	233.4	1,312.8	1,369.2	-4.1
Powder & Paste	8.4	7.6	46.9	46.7	0.4
Forgings & Impacts	12.9	14.0	78.9	82.3	-4.1
Net Imports of Mill Products (Total) (a)	60.2	66.9	326.4	329.3	-0.9
Total Mill Products	1,127.5	1,168.5	6,482.6	6,706.0	-3.3
Ingot	245.0	263.1	1,437.0	1,700.1	-15.5
TOTAL INDUSTRY SHIPMENTS	1,372.5	1,431.6	7,919.6	8,406.1	-5.8
Exports	205.6	190.0	1,326.7	1,094.1	21.3
TOTAL DOMESTIC SHIPMENTS	1,166.9	1,241.7	6,593.0	7,312.0	-9.8

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

NEW ORDER RECEIPTS LEVEL WITH PREVIOUS YEAR

Estimated net new order receipts of aluminum mill products for the month of July totaling 933 million pounds, decreased 12.6 percent from the previous month total of 1,067 million pounds. Year-to-date, net new orders totaling 7,840 million pounds were level with the seven month 1989 total.



ORDER RECEIPTS (Millions of Pounds)	1990 July	1989 July	1990 7 Mos.	1989 7 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	297.1	308.6	2,625.7	2,628.8	-0.1
Can Stock (a)	260.0	283.6	2,395.7	2,352.7	1.8
Foil	83.5	86.0	623.1	591.5	5.3
Bar, Rod & Wire	41.7	30.0	323.2	245.6	31.6
Electrical Conductor	40.7	36.4	306.7	405.4	-24.3
Extruded Shapes & Tube	189.1	210.4	1,410.1	1,456.0	-3.2
Powder & Paste	7.8	6.9	75.9	67.4	12.6
Forgings & Impacts	13.1	11.2	79.6	91.1	-12.6
Total Mill Products	933.0	973.1	7,840.0	7,838.5	0.0

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 3 MILLION POUNDS

Producer inventories decreased in June 1990 to a reported total of 3,904 million pounds. This represents a 3 million pound decrease from the revised May level of 3,907 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
April	3,974r	1,337r	562r	2,074r
May	3,907r	1,364r	533r	2,010r
June	3,904	1,327	579	1,997

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 33.2 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of June 30, 1990 was 33.2, up one percent from inventories reported at the end of May.

Month-End Aluminum Customer Inventories
(Average Number of Days)

April	32.9
May	32.6
June	33.2

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 June	1989 June	1990* 6 Mos.	1989 6 Mos.	% Change 1990 vs 1989
Imports	Mill Products	80.5	92.2	527.7	504.3	4.7
	Ingot	207.8	163.0	1,133.3	1,112.8	1.8
	Total	288.3	255.2	1,661.0	1,617.1	2.7
	Scrap (+ dross)	49.7	41.2	317.9	235.8	34.8
	Grand Total	338.0	296.4	1,978.9	1,852.9	6.8
Exports	Mill Products	98.3	91.7	550.0	587.9	-6.5
	Ingot	107.3	98.3	776.7	506.2	53.4
	Total	205.6	190.0	1,326.7	1,094.1	21.3
	Scrap	69.8	87.5	554.7	634.9	-12.6
	Grand Total	275.4	277.5	1,881.4	1,729.0	8.8
Net Imports		62.6	18.9	97.5	123.9	-21.3

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — SEPTEMBER 1990

INDUSTRY SHIPMENTS DOWN 4.3 PERCENT FROM 1989

Industry net shipments for seven months of 1990, totaling 9,247 million pounds, decreased 4.3 percent from 1989 shipments of 9,658 million pounds.

Domestic shipments for seven months of 1990, totaling 7,744 million pounds, were down 7.6 percent from the previous year total of 8,382 million pounds.

U.S. exports of aluminum ingot and mill products, totaling 1,503 million pounds during the first seven months, increased 17.8 percent from the 1989 total of 1,276 million pounds.

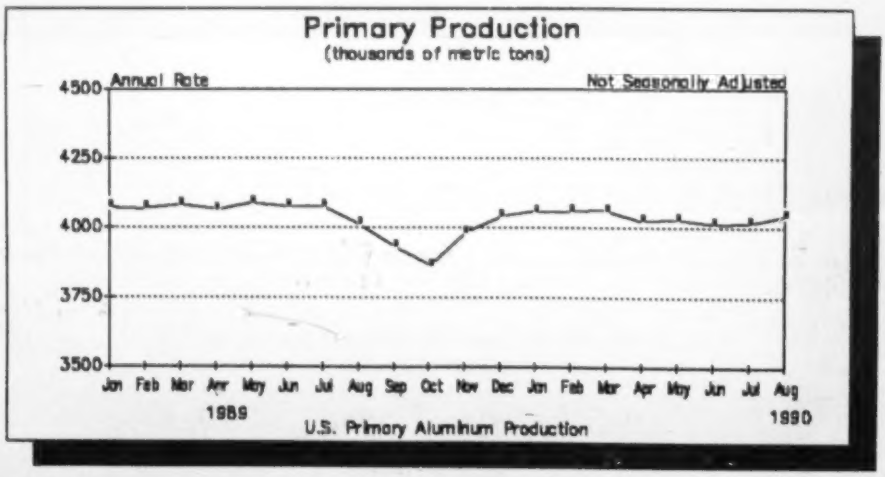
THRU JULY 1990

	1990 7 Mos.	1989 7 Mos.	% Change
Mill Products	7,539	7,755	-2.8
Ingot	1,709	1,903	-10.2
Total	9,247	9,658	-4.3
Less Exports	1,503	1,276	17.8
Domestic Total	7,744	8,382	-7.6

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,076 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,076 metric tons daily during August 1990. This compares with an average of 10,996 metric tons a day in August 1989 and 11,004 metric tons a day in July 1990. The annual rate of production in August 1990 was 4,042,858 metric tons compared with 4,013,387 metric tons in August 1989 and 4,016,601 metric tons in July 1990. Estimated production in August 1990 was 343,366 metric tons.

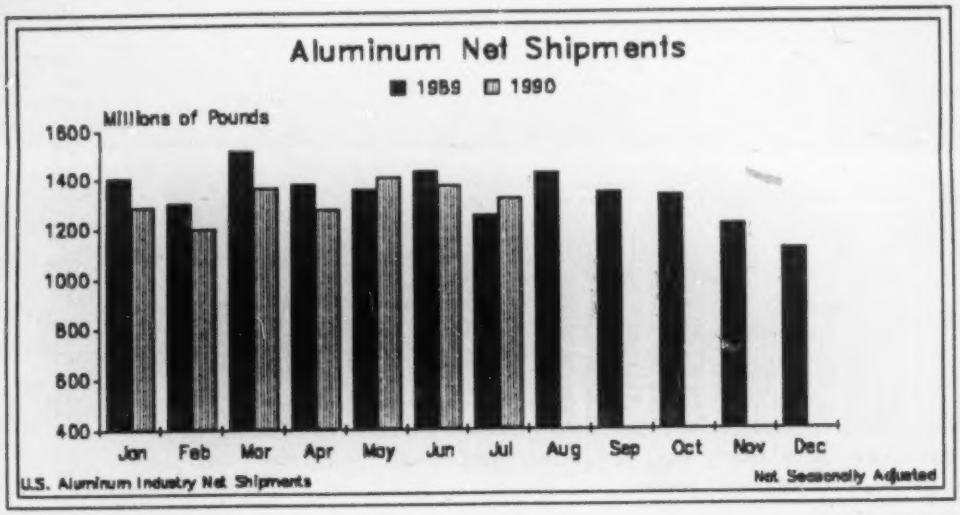


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Situation
The Aluminum Association
900 19th Street, N.W. Washington, D.C. 20006
Phone:(202) 862-5100

JULY INDUSTRY SHIPMENTS REPORTED AT 1,322 MILLION POUNDS

Industry net shipments for July 1990 were reported at 1,322 million pounds, down 3.9 percent from revised June shipments of 1,376 million pounds. Year-to-date, total industry shipments totaled 9,247 million pounds, a decline of 4.3 percent from a previous year total of 9,658 million pounds. Domestic shipments for seven months of 1990, totaling 7,744 million pounds, were down 7.6 percent from the previous year total of 8,382 million pounds. U.S. exports totaled 1,503 million pounds during the first seven months, an increase of 17.8 percent from the same period of 1989.

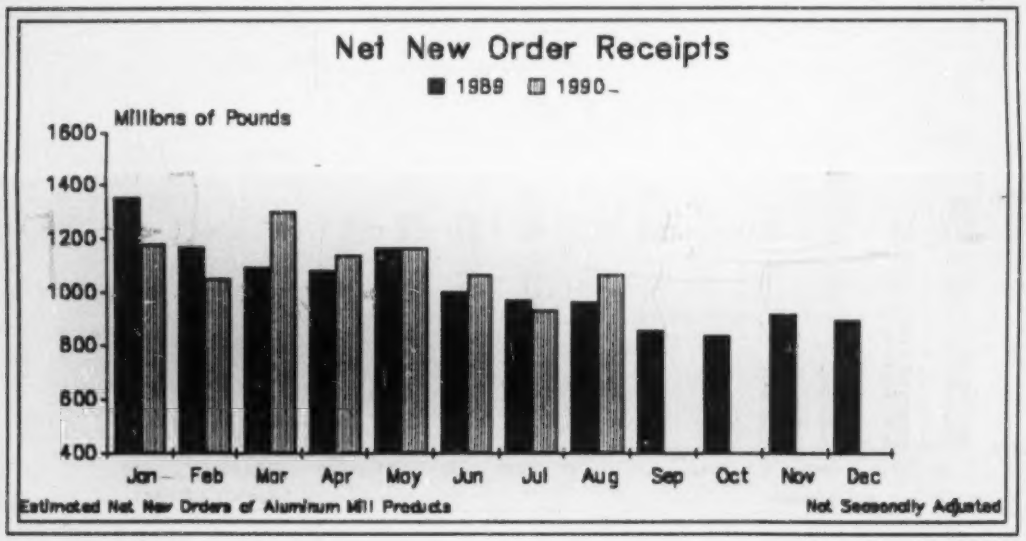


NET SHIPMENTS (Millions of Pounds)	1990 July	1989 July	1990 7 Mos.	1989 7 Mos.	% Change 1990 vs 1989
Sheet	610.9	606.9	4,259.0	4,403.9	-3.3
Plate	17.5	25.3	149.9	184.8	-18.9
Foil	70.0	69.9	539.0	518.6	3.9
Rod,Bar & Wire	20.9	13.3	183.7	126.2	45.6
Elec. Conductor	48.4	53.7	354.9	414.3	-14.3
Extruded Shapes,Tube	201.3	212.9	1,516.2	1,582.0	-4.2
Powder & Paste	8.4	7.1	55.6	53.8	3.3
Forgings & Impacts	13.0	12.8	92.1	95.1	-3.1
Net Imports of Mill Products (Total) (a)	61.8	46.8	388.5	376.2	3.3
Total Mill Products	1,052.2	1,048.8	7,538.8	7,754.8	-2.8
Ingot	270.1	203.2	1,708.6	1,903.3	-10.2
TOTAL INDUSTRY SHIPMENTS	1,322.3	1,252.0	9,247.4	9,658.1	-4.3
Exports	176.7	182.0	1,503.3	1,276.2	17.8
TOTAL DOMESTIC SHIPMENTS	1,145.6	1,069.9	7,744.1	8,382.0	-7.6

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

AUGUST NEW ORDER RECEIPTS JUMP 14.2 PERCENT

Estimated net new order receipts of aluminum mill products for the month of August totaling 1,064 million pounds, increased 14.2 percent from the previous month total of 933 million pounds. Year-to-date, net new orders totaling 8,904 million pounds increased 1.1 over the eight month 1989 total of 8,803 million pounds.



ORDER RECEIPTS (Millions of Pounds)	1990 August	1989 August	1990 8 Mos.	1989 8 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	359.3	293.2	2,985.5	2,922.0	2.2
Can Stock (a)	302.8	261.2	2,695.9	2,613.9	3.1
Foil	76.3	88.7	700.9	680.2	3.0
Bar, Rod & Wire	37.7	34.3	360.8	279.9	28.9
Electrical Conductor	62.3	52.5	370.1	457.9	-19.2
Extruded Shapes & Tube	197.6	214.2	1,607.1	1,670.2	-3.8
Powder & Paste	10.9	8.1	86.8	75.5	15.0
Forgings & Impacts	17.3	12.5	96.9	103.6	-6.5
Total Mill Products	1,064.2	964.7	8,904.0	8,803.2	1.1

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES UP 89 MILLION POUNDS

Producer inventories increased in July 1990 to a reported total of 4,000 million pounds. This represents an 89 million pound increase from the revised June level of 3,911 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
May	3,907	1,364	533	2,010
June	3,911r	1,332r	579	2,000r
July	4,000	1,392	597	2,012

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 34.1 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of July 31, 1990 was 34.1, up 2.7 percent from inventories reported at the end of June.

Month-End Aluminum Customer Inventories
(Average Number of Days)

May	32.6
June	33.2
July	34.1

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 July	1989 July	1990* 7 Mos.	1989 7 Mos.	% Change 1990 vs 1989
Imports	Mill Products	81.1	72.1	608.8	576.4	5.6
	Ingot	226.2	158.6	1,359.5	1,271.5	6.9
	Total	307.3	230.7	1,968.3	1,847.8	6.5
	Scrap (+ dross)	46.8	38.3	364.7	274.1	33.1
	Grand Total	354.1	269.0	2,333.0	2,122.0	9.9
Exports	Mill Products	84.8	83.6	634.8	671.5	-5.5
	Ingot	91.9	98.5	868.5	604.6	43.6
	Total	176.7	182.0	1,503.3	1,276.2	17.8
	Scrap	73.7	95.1	628.4	730.0	-13.9
	Grand Total	250.4	277.2	2,131.8	2,006.2	6.3
Net Imports		103.7	-8.1	201.3	115.8	73.8

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989

A0400-1

The Aluminum Situation

ECONOMICS AND STATISTICS — OCTOBER 1990

INDUSTRY SHIPMENTS DOWN 4.0 PERCENT FROM 1989

During the first eight months of 1990, industry net shipments totaling 10,642 million pounds, decreased 4.0 percent from the 1989 comparative level of 11,084 million pounds.

Domestic shipments for eight months of 1990, totaling 8,958 million pounds, were down 6.6 percent from the previous year total of 9,586 million pounds.

U.S. exports of aluminum ingot and mill products, totaling 1,684 million pounds during the first eight months, increased 12.5 percent from the 1989 total of 1,497 million pounds.

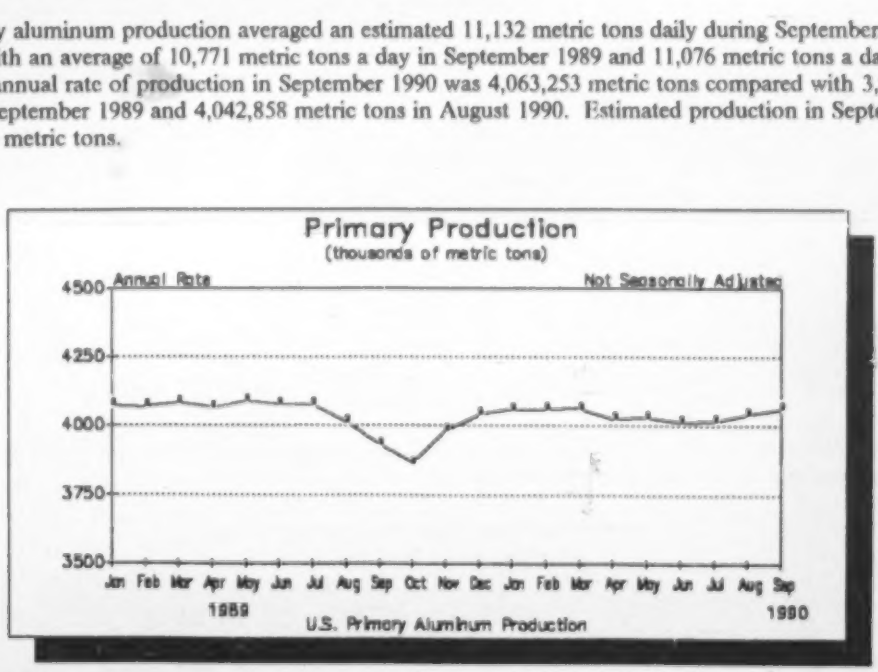
THRU AUGUST 1990

	1990 8 Mos.	1989 8 Mos.	% Change
Mill Products	8,753	8,910	-1.8
Ingot	1,889	2,174	-13.1
Total	10,642	11,084	-4.0
Less Exports	1,684	1,497	12.5
Domestic Total	8,958	9,586	-6.6

Figures in Millions of Pounds
Source: Bureau of the Census
U.S. Department of Commerce

PRIMARY PRODUCTION DAILY RATE ESTIMATED AT 11,132 METRIC TONS

U.S. primary aluminum production averaged an estimated 11,132 metric tons daily during September 1990. This compares with an average of 10,771 metric tons a day in September 1989 and 11,076 metric tons a day in August 1990. The annual rate of production in September 1990 was 4,063,253 metric tons compared with 3,931,342 metric tons in September 1989 and 4,042,858 metric tons in August 1990. Estimated production in September 1990 was 333,966 metric tons.

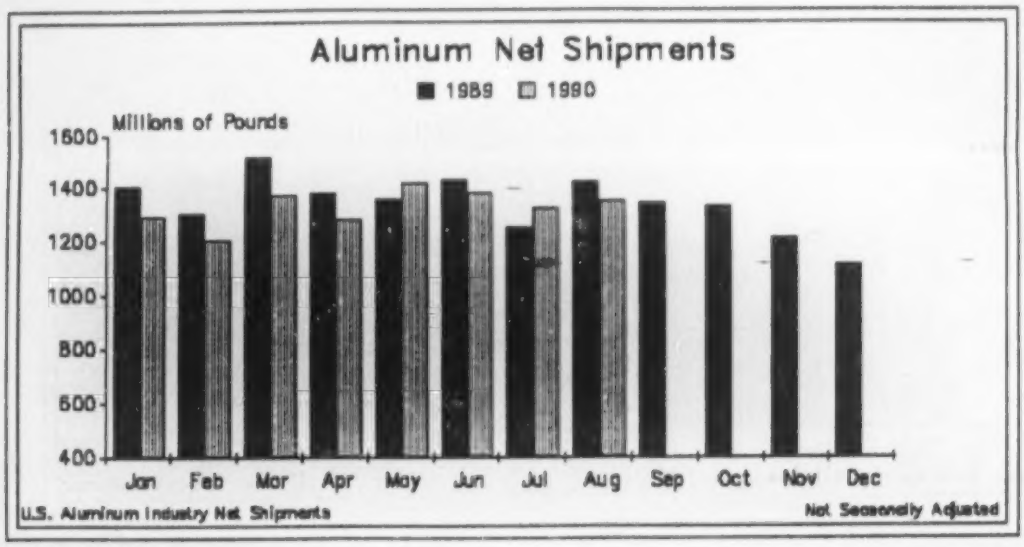


This report contains information reported to the Association by the domestic producers, which is aggregated by the Association. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

The Aluminum Association
900 19th Street, N.W., Washington, D.C. 20006
Phone (202) 862-5100

AUGUST INDUSTRY SHIPMENTS REPORTED AT 1,353 MILLION POUNDS

August industry net shipments totaling 1,353 million pounds increased 2.2 percent over the previous month's revised total of 1,324 million pounds. Year-to-date, industry net shipments totaling 10,642 million pounds, decreased 4.0 percent from the 1989 level of 11,084 million pounds for the same period. Domestic shipments for eight months of 1990, totaling 8,958 million pounds, were down 6.6 percent from the previous year total of 9,586 million pounds. U.S. exports of aluminum ingot and mill products, totaling 1,684 million pounds during the first eight months, increased 12.5 percent from the 1989 total of 1,497 million pounds.

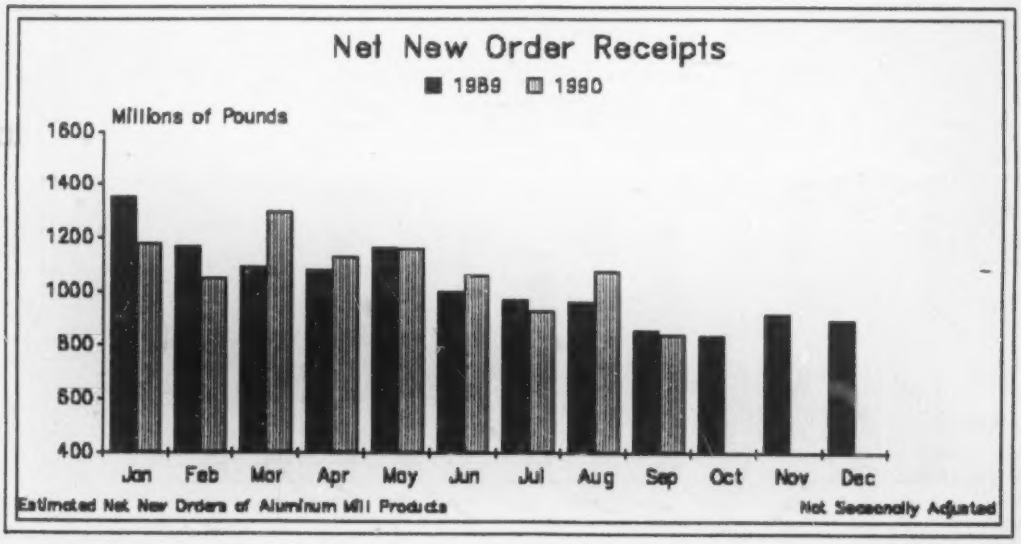


NET SHIPMENTS (Millions of Pounds)	1990 August	1989 August	1990 8 Mos.	1989 8 Mos.	% Change 1990 vs 1989
Sheet	673.7	664.2	4,933.4	5,068.1	-2.7
Plate	22.4	27.7	172.1	212.5	-19.0
Foil	74.6	79.1	613.5	597.7	2.6
Rod,Bar & Wire	30.9	16.9	215.0	143.0	50.3
Elec. Conductor	51.7	62.5	406.3	476.8	-14.8
Extruded Shapes,Tube	228.9	228.0	1,745.4	1,810.0	-3.6
Powder & Paste	10.5	7.9	66.4	61.7	7.6
Forgings & Impacts	13.9	12.7	105.9	107.8	-1.7
Net Imports of Mill Products (Total) (a)	61.3	56.1	495.1	432.3	14.5
Total Mill Products	1,168.0	1,155.1	8,753.1	8,909.9	-1.8
Ingot	185.4	270.3	1,889.2	2,173.6	-13.1
TOTAL INDUSTRY SHIPMENTS	1,353.4	1,425.5	10,642.3	11,083.6	-4.0
Exports	180.6	221.2	1,684.0	1,497.3	12.5
TOTAL DOMESTIC SHIPMENTS	1,172.8	1,204.3	8,958.3	9,586.2	-6.6

Source: Bureau of the Census, U.S. Department of Commerce - CIR M33-D
Note: Cummulative data includes revisions for previous periods
(a) Not included in product data above.

INDUSTRY NEW ORDERS UP 0.8 PERCENT OVER 1989

Estimated net new order receipts of aluminum mill products for nine months of 1990 totaling 9,737 million pounds, increased 0.8 percent from the previous year nine month total of 9,663 million pounds. During the month of September, industry order receipts totaling 842 million pounds, decreased 21.8 percent from the previous month.



ORDER RECEIPTS (Millions of Pounds)	1990 Sept.	1989 Sept.	1990 9 Mos.	1989 9 Mos.	% Change 1990 vs 1989
Sheet & Plate, Other	284.5	264.9	3,237.3	3,186.9	1.6
Can Stock (a)	209.5	249.1	2,905.4	2,863.0	1.5
Foil	67.3	76.6	769.9	756.8	1.7
Bar, Rod & Wire	40.9	30.8	401.7	310.7	29.3
Electrical Conductor	44.4	43.5	416.5	501.4	-16.9
Extruded Shapes & Tube	172.4	173.8	1,799.7	1,844.0	-2.4
Powder & Paste	10.5	10.6	97.3	86.1	13.0
Forgings & Impacts	12.1	10.0	109.0	113.6	-4.0
Total Mill Products	841.6	859.3	9,736.8	9,662.5	0.8

Source: The Aluminum Association estimates total industry orders (including orders for imports) based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available on a subscription basis.
Note: Cummulative data includes revisions for previous periods.
(a) Domestic only. Orders for exports of Can Stock are included in Sheet and Plate, Other.

PRODUCER INVENTORIES DOWN 132 MILLION POUNDS

Producer inventories decreased in August 1990 to a reported total of 3,349 million pounds. This represents an 132 million pound increase from the revised July level of 4,081 million pounds.

Month-End Aluminum Producer Inventories
(Millions of Pounds)

	Total	Ingot	Scrap	All Other
June	3,911	1,332	579	2,000
July	4,081r	1,427r	599r	2,055r
August	3,949	1,341	630	1,978

Source: Bureau of the Census, U.S. Department of Commerce.

CUSTOMER INVENTORIES REPORTED AT 32.8 DAYS

Respondents to the Association's Customer Inventory Survey reported that their Average Days Inventory as of August 31, 1990 was 32.8, down 3.8 percent from inventories reported at the end of July.

Month-End Aluminum Customer Inventories
(Average Number of Days)

June	33.2
July	34.1
August	32.8

Source: Aluminum Association - Customer Inventory Position Survey

---

U.S. IMPORTS & EXPORTS (Millions of Pounds)		1990 August	1989 August	1990* 8 Mos.	1989 8 Mos.	% Change 1990 vs 1989
Imports	Mill Products	82.2	88.1	690.7	664.5	3.9
	Ingot	181.5	202.8	1,540.9	1,474.2	4.5
	Total	263.7	290.9	2,231.7	2,138.7	4.3
	Scrap (+ dross)	46.6	50.3	411.3	324.5	26.8
	Grand Total	310.3	341.2	2,643.0	2,463.2	7.3
Exports	Mill Products	94.0	106.4	728.8	777.9	-6.3
	Ingot	86.6	114.8	955.2	719.4	32.8
	Total	180.6	221.2	1,684.0	1,497.3	12.5
	Scrap	87.4	117.3	715.9	847.3	-15.5
	Grand Total	268.1	338.5	2,399.8	2,344.7	2.4
Net Imports		42.2	2.7	243.2	118.5	105.1

Source: Bureau of the Census, U.S. Department of Commerce.
(*) Data may not be comparable to previous years due to changes in trade classifications effective January 1, 1989